

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135910.D
 Acq On : 20 Oct 2023 16:07
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

Quant Time: Oct 20 16:44:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.733	152	73265	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	269469	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	132706	20.000	ng	-0.02
64) Phenanthrene-d10	11.268	188	263180	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	140062	20.000	ng	-0.02
86) Perylene-d12	15.409	264	155426	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	367276	80.596	ng	-0.01
7) Phenol-d6	6.392	99	447832	78.762	ng	0.00
23) Nitrobenzene-d5	7.310	82	416307	84.969	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	110702	86.933	ng	-0.02
45) 2-Fluorobiphenyl	9.092	172	734024	86.481	ng	-0.01
79) Terphenyl-d14	12.862	244	788811	104.297	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.404	88	114326	52.013	ng	98
3) Pyridine	3.151	79	201376	37.340	ng	99
4) n-Nitrosodimethylamine	3.128	42	118368	40.813	ng	97
6) Aniline	6.404	93	280906	39.258	ng	# 77
8) 2-Chlorophenol	6.528	128	195401	39.763	ng	97
9) Benzaldehyde	6.298	77	123002	38.008	ng	98
10) Phenol	6.404	94	243272	40.833	ng	92
11) bis(2-Chloroethyl)ether	6.475	93	184168	38.365	ng	99
12) 1,3-Dichlorobenzene	6.675	146	195003	39.142	ng	98
13) 1,4-Dichlorobenzene	6.751	146	200246	39.678	ng	100
14) 1,2-Dichlorobenzene	6.904	146	183083	40.290	ng	97
15) Benzyl Alcohol	6.892	79	157869	41.758	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	308500	35.533	ng	69
17) 2-Methylphenol	7.004	107	165160	38.824	ng	96
18) Hexachloroethane	7.233	117	73047	39.919	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	135185	38.453	ng	95
20) 3+4-Methylphenols	7.163	107	215368	40.610	ng	95
22) Acetophenone	7.151	105	260441	42.142	ng	97
24) Nitrobenzene	7.328	77	208425	42.386	ng	95
25) Isophorone	7.563	82	364817	39.468	ng	97
26) 2-Nitrophenol	7.639	139	100656	41.945	ng	99
27) 2,4-Dimethylphenol	7.680	122	170169	43.076	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	221162	40.177	ng	99
29) 2,4-Dichlorophenol	7.886	162	154322	41.685	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	158297	41.806	ng	97
31) Naphthalene	8.033	128	547576	41.661	ng	100
32) Benzoic acid	7.828	122	87068m	32.560	ng	
33) 4-Chloroaniline	8.098	127	237577	41.379	ng	98
34) Hexachlorobutadiene	8.145	225	94338	42.092	ng	98
35) Caprolactam	8.486	113	51671	40.828	ng	# 81
36) 4-Chloro-3-methylphenol	8.592	107	171680	41.817	ng	98
37) 2-Methylnaphthalene	8.727	142	357679	41.304	ng	100
38) 1-Methylnaphthalene	8.827	142	332601	41.642	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	167879	43.978	ng	98
41) Hexachlorocyclopentadiene	8.869	237	9640	30.191	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	101945	41.442	ng	100

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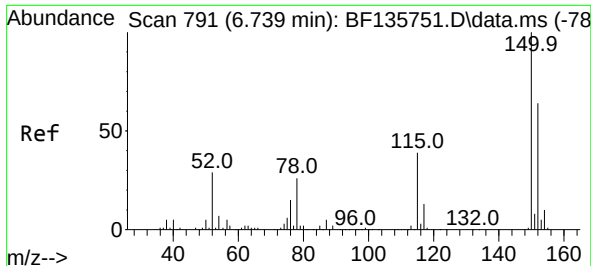
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	112611	39.359	ng	97
46) 1,1'-Biphenyl	9.192	154	435510	42.842	ng	99
47) 2-Chloronaphthalene	9.222	162	318358	43.454	ng	97
48) 2-Nitroaniline	9.333	65	129279	44.705	ng	98
49) Acenaphthylene	9.633	152	519427	42.843	ng	99
50) Dimethylphthalate	9.498	163	375739	41.942	ng	99
51) 2,6-Dinitrotoluene	9.574	165	83732	43.464	ng	98
52) Acenaphthene	9.804	154	313375	43.123	ng	99
53) 3-Nitroaniline	9.751	138	103385	43.777	ng	96
54) 2,4-Dinitrophenol	9.880	184	40078	49.838	ng	95
55) Dibenzofuran	9.980	168	480587	43.830	ng	97
56) 4-Nitrophenol	9.945	139	27990	29.584	ng	96
57) 2,4-Dinitrotoluene	9.992	165	114717	46.806	ng	95
58) Fluorene	10.327	166	380480	44.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	88194	40.789	ng	96
60) Diethylphthalate	10.198	149	397008	43.409	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	179913	43.365	ng	94
62) 4-Nitroaniline	10.369	138	97717	44.972	ng	97
63) Azobenzene	10.474	77	380118	42.779	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	45508	34.359	ng	87
66) n-Nitrosodiphenylamine	10.439	169	335376	41.809	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	111554	42.225	ng	97
68) Hexachlorobenzene	10.874	284	116653	43.370	ng	96
69) Atrazine	10.974	200	89027	40.803	ng	98
70) Pentachlorophenol	11.092	266	30071	28.346	ng	89
71) Phenanthrene	11.292	178	539952	42.828	ng	99
72) Anthracene	11.345	178	553165	42.341	ng	100
73) Carbazole	11.510	167	519348	42.624	ng	100
74) Di-n-butylphthalate	11.833	149	602852	40.299	ng	99
75) Fluoranthene	12.492	202	568589	40.634	ng	99
77) Benzidine	12.621	184	102773	33.627	ng	100
78) Pyrene	12.721	202	559494	50.269	ng	100
80) Butylbenzylphthalate	13.339	149	222341	45.460	ng	100
81) Benzo(a)anthracene	13.921	228	394862	42.921	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	119582	39.193	ng	# 98
83) Chrysene	13.962	228	367701	41.265	ng	99
84) Bis(2-ethylhexyl)phtha...	13.898	149	282262	42.581	ng	97
85) Di-n-octyl phthalate	14.515	149	387622	36.876	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	405089	47.833	ng	98
88) Benzo(b)fluoranthene	14.980	252	326635	37.550	ng	97
89) Benzo(k)fluoranthene	15.009	252	330424	39.126	ng	98
90) Benzo(a)pyrene	15.351	252	325941	39.848	ng	98
91) Dibenzo(a,h)anthracene	16.909	278	333235	47.999	ng	99
92) Benzo(g,h,i)perylene	17.362	276	327586	45.936	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.733 min Scan# 791
Delta R.T. -0.013 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

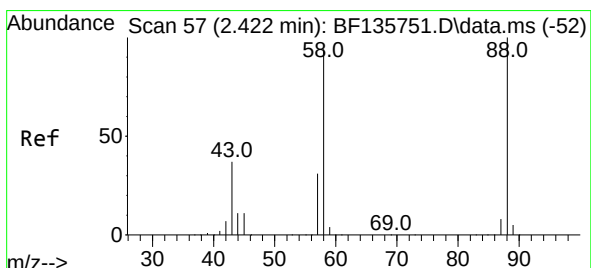
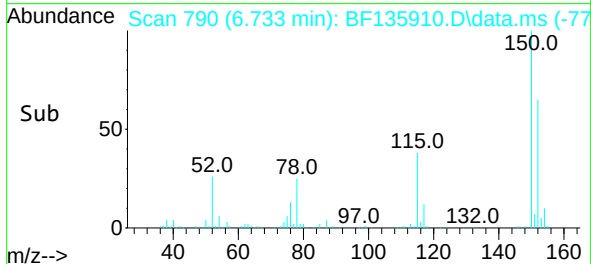
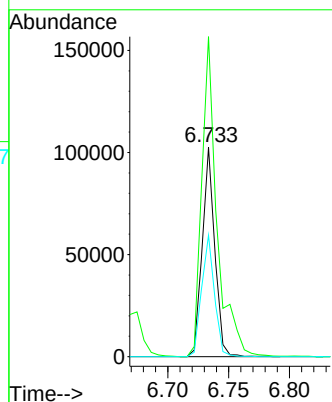
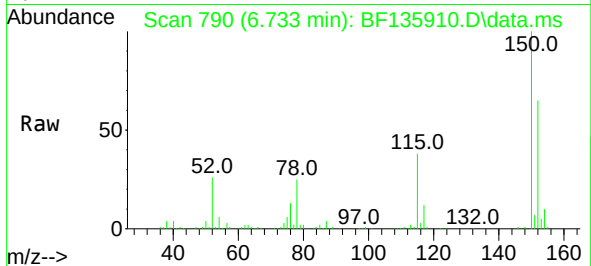
SSTDCCC040EC

Tgt Ion:152 Resp: 7326
Ion Ratio Lower Upper
152 100
150 152.8 124.5 186.7
115 58.0 49.0 73.4

Manual Integrations

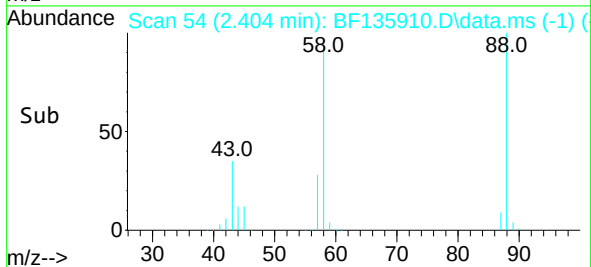
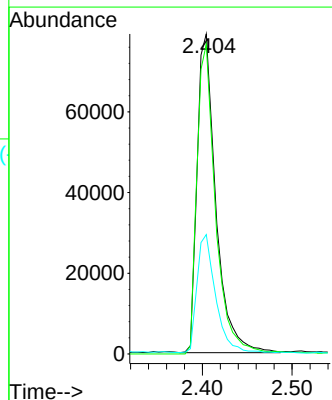
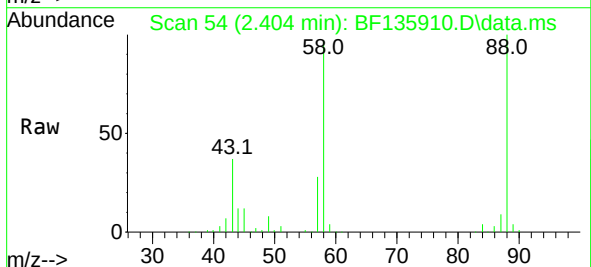
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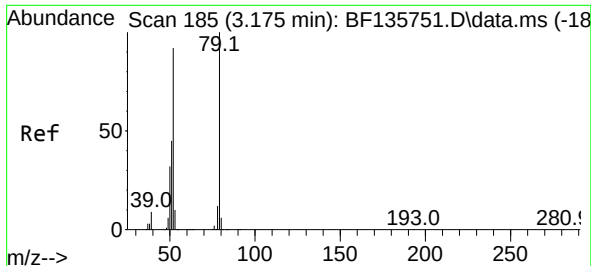
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#2
1,4-Dioxane
Concen: 52.013 ng
RT: 2.404 min Scan# 54
Delta R.T. -0.036 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion: 88 Resp: 114326
Ion Ratio Lower Upper
88 100
58 97.6 76.1 114.1
43 36.7 29.8 44.8





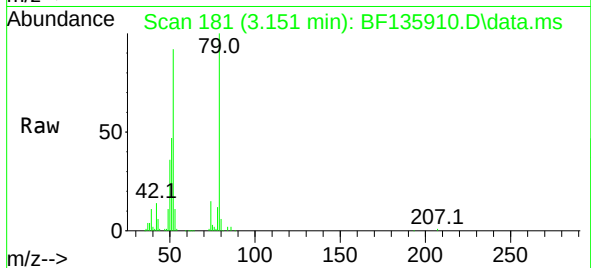
#3
Pyridine
Concen: 37.340 ng
RT: 3.151 min Scan# 181
Delta R.T. -0.036 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

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SSTDCCC040EC



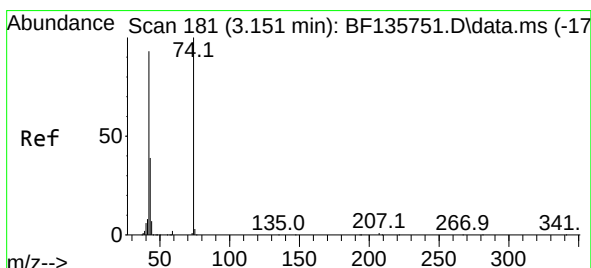
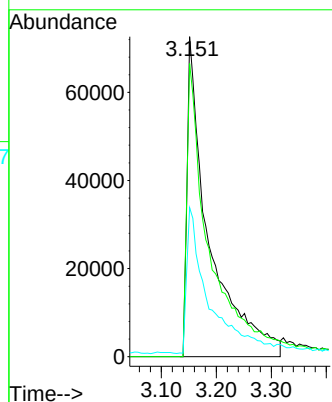
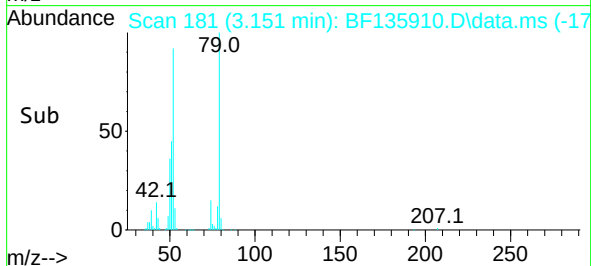
Tgt Ion: 79 Resp: 201370
Ion Ratio Lower Upper
79 100
52 91.6 73.4 110.2
51 46.6 36.5 54.7

Manual Integrations

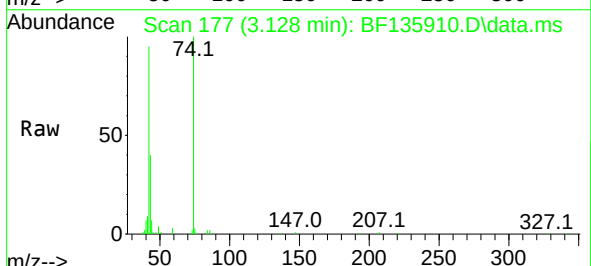
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Reviewed By :Yogesh Patel 10/21/2023

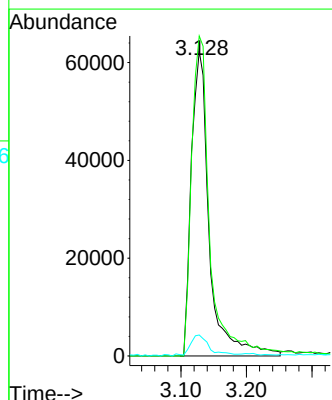
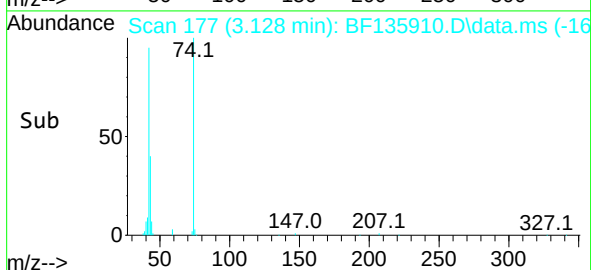
Supervised By :mohammad ahmed 10/21/2023

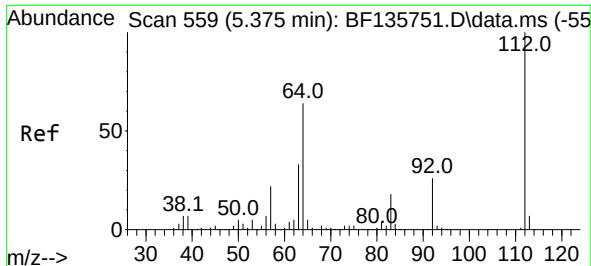


#4
n-Nitrosodimethylamine
Concen: 40.813 ng
RT: 3.128 min Scan# 177
Delta R.T. -0.041 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



Tgt Ion: 42 Resp: 118368
Ion Ratio Lower Upper
42 100
74 104.9 86.5 129.7
44 6.9 5.9 8.9





#5
2-Fluorophenol
Concen: 80.596 ng
RT: 5.363 min Scan# 511
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

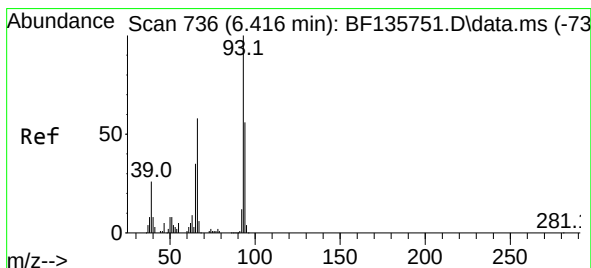
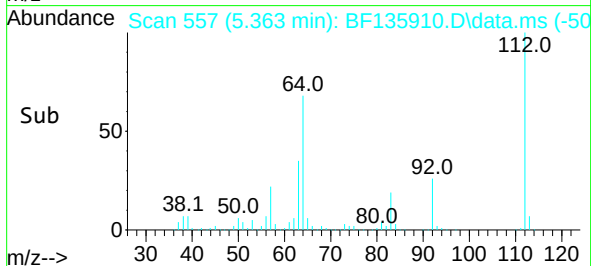
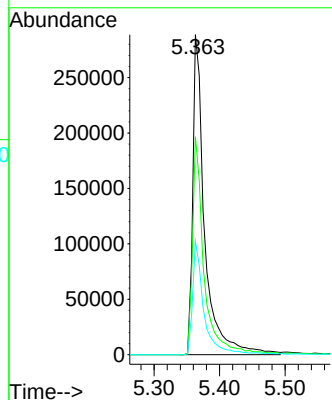
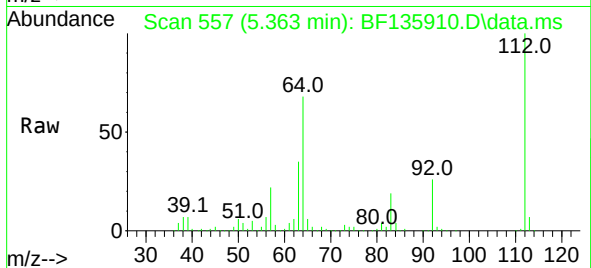
SSTDCCC040EC

Tgt Ion:112 Resp: 367270
Ion Ratio Lower Upper
112 100
64 68.1 51.2 76.8
63 35.5 26.1 39.1

Manual Integrations

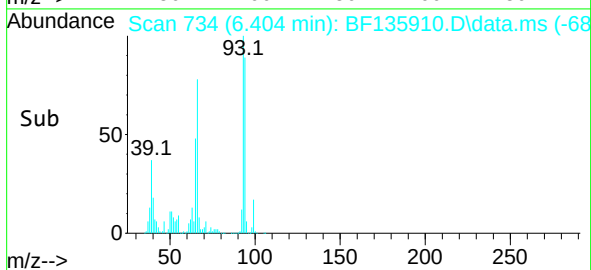
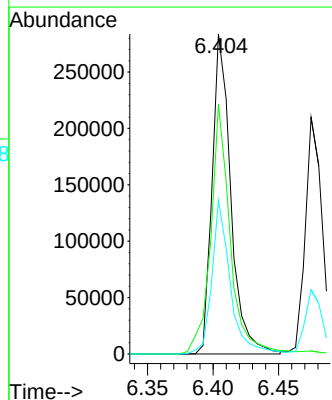
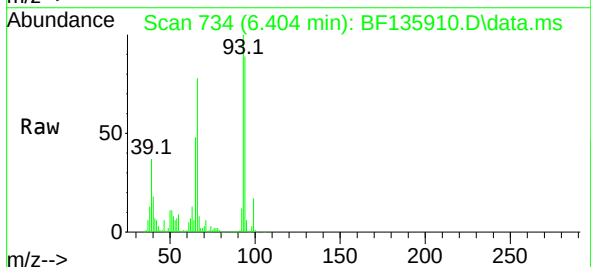
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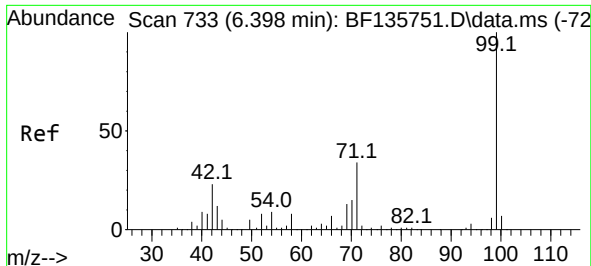
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#6
Aniline
Concen: 39.258 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion: 93 Resp: 280906
Ion Ratio Lower Upper
93 100
66 78.0 47.6 71.4#
65 48.1 28.5 42.7#





#7

Phenol-d6

Concen: 78.762 ng

RT: 6.392 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

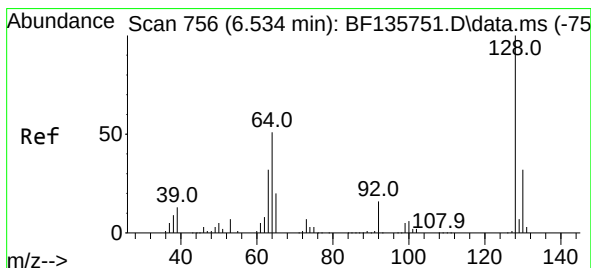
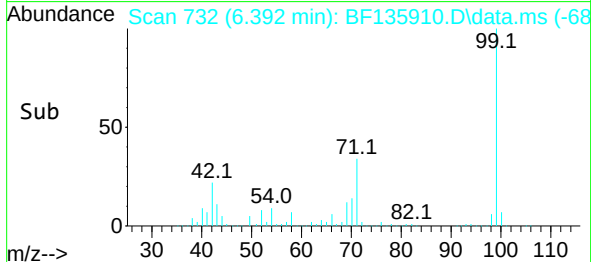
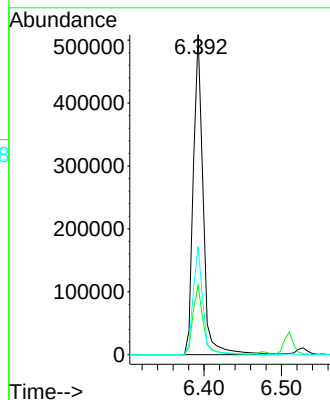
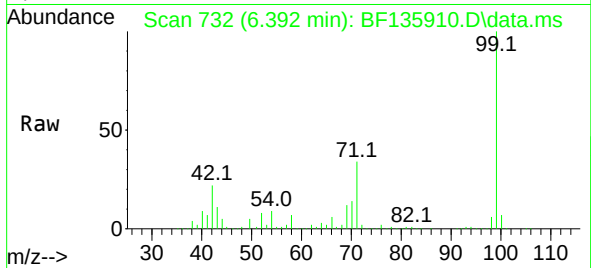
SSTDCCC040EC

Tgt Ion: 99 Resp: 447832
 Ion Ratio Lower Upper
 99 100
 42 21.6 18.4 27.6
 71 33.8 27.2 40.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.763 ng

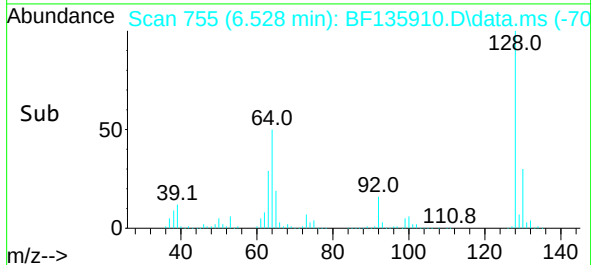
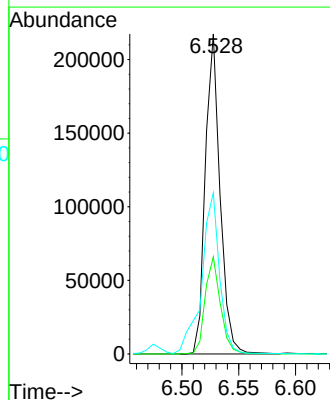
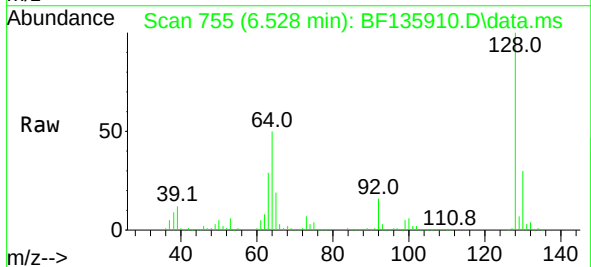
RT: 6.528 min Scan# 755

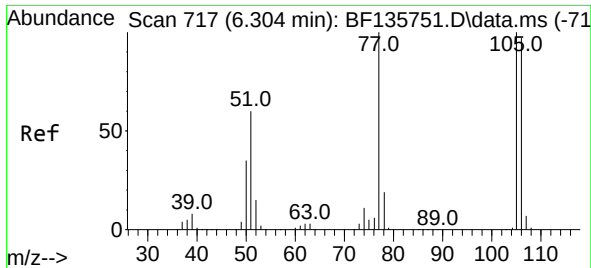
Delta R.T. -0.006 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

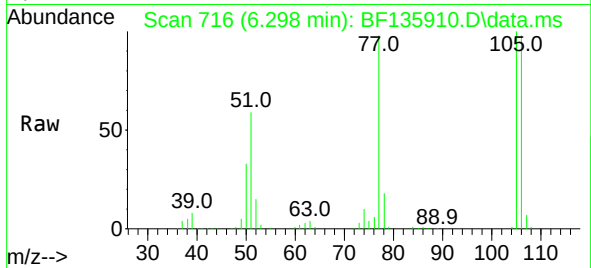
Tgt Ion:128 Resp: 195401
 Ion Ratio Lower Upper
 128 100
 130 30.3 12.4 52.4
 64 50.4 32.3 72.3





#9
Benzaldehyde
Concen: 38.008 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

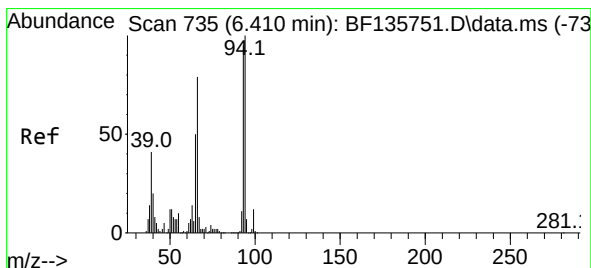
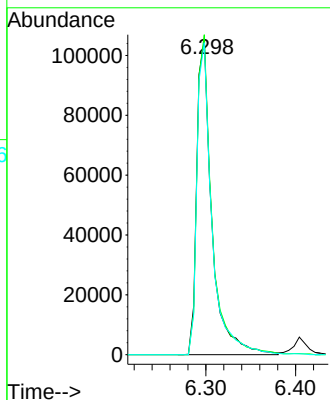
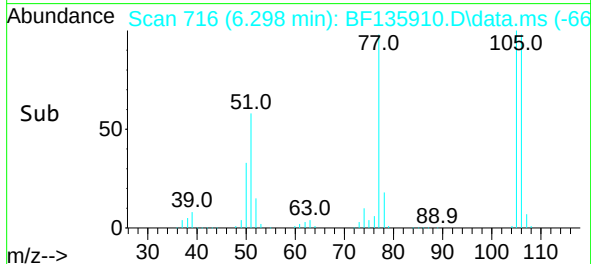
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



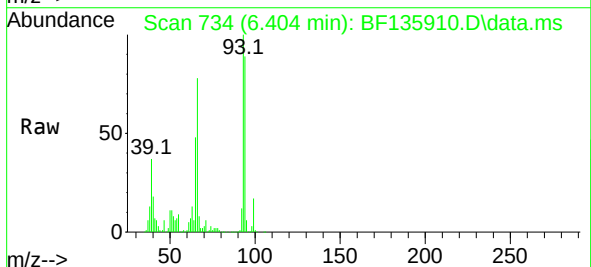
Tgt Ion: 77 Resp: 123002
Ion Ratio Lower Upper
77 100
105 101.8 79.9 119.9
106 99.2 77.1 117.1

Manual Integrations
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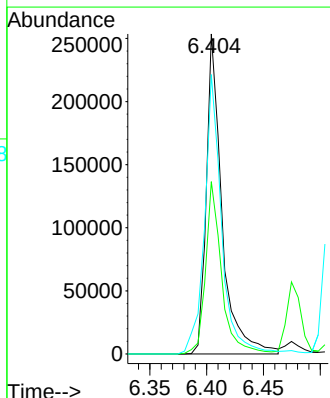
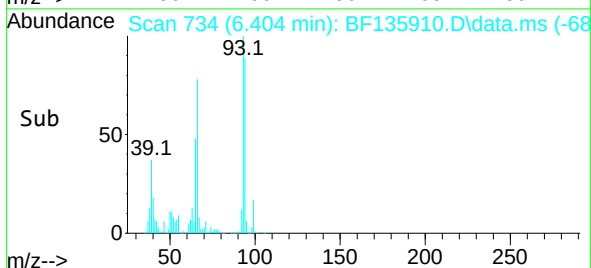
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

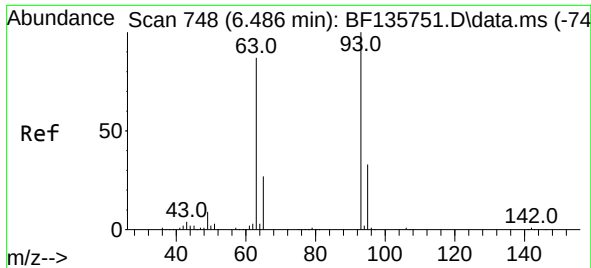


#10
Phenol
Concen: 40.833 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



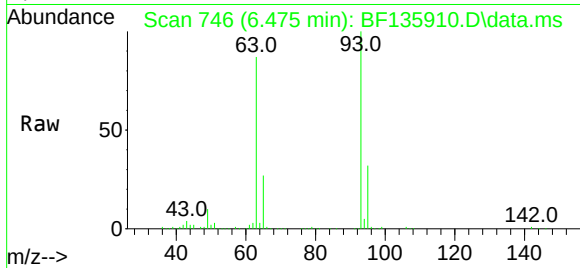
Tgt Ion: 94 Resp: 243272
Ion Ratio Lower Upper
94 100
65 53.8 30.3 70.3
66 87.3 59.1 99.1





#11
bis(2-Chloroethyl)ether
Concen: 38.365 ng
RT: 6.475 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

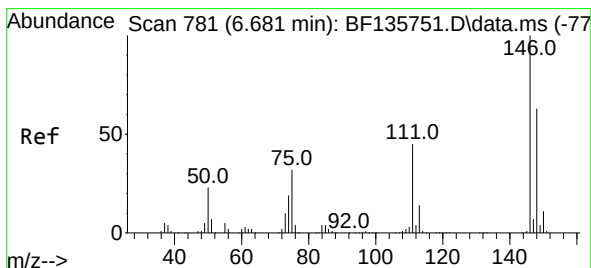
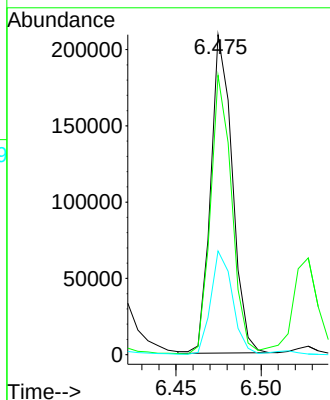
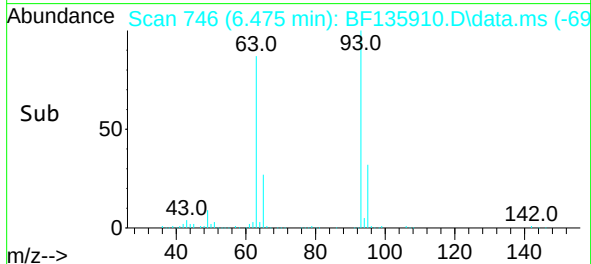
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



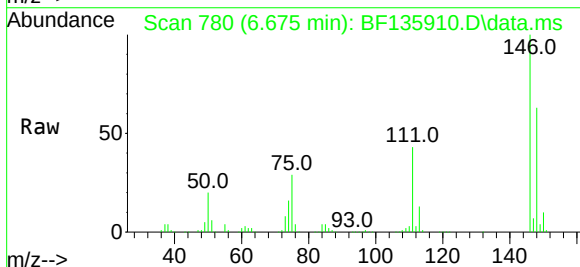
Tgt Ion: 93 Resp: 184168
Ion Ratio Lower Upper
93 100
63 87.3 66.3 106.3
95 32.4 12.8 52.8

Manual Integrations
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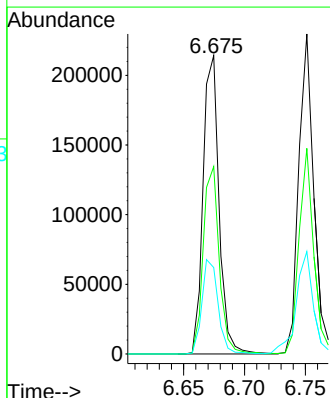
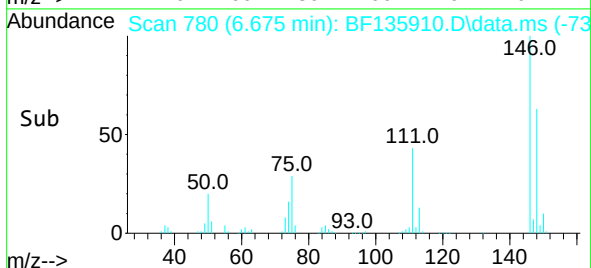
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

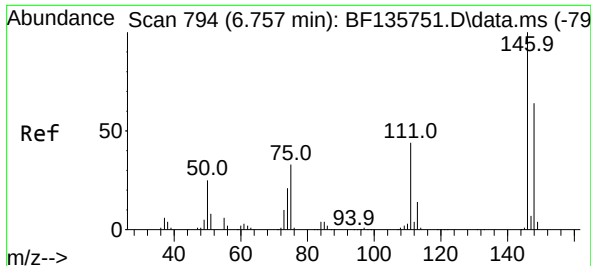


#12
1,3-Dichlorobenzene
Concen: 39.142 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



Tgt Ion:146 Resp: 195003
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.4
75 29.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.678 ng

RT: 6.751 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 200240

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

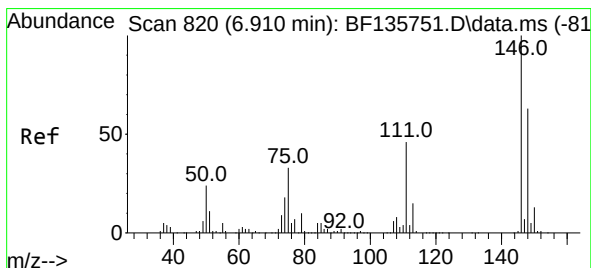
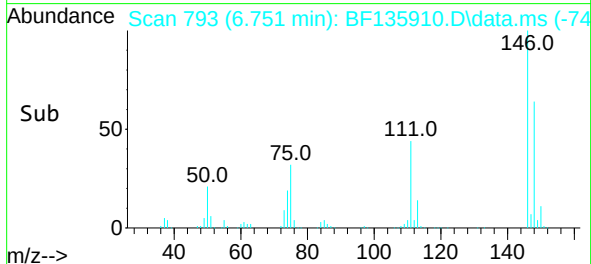
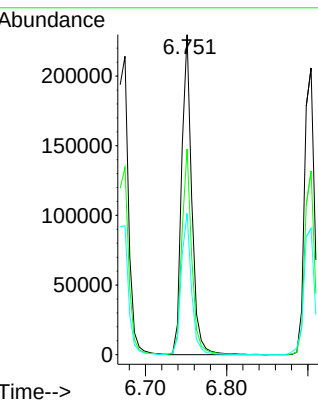
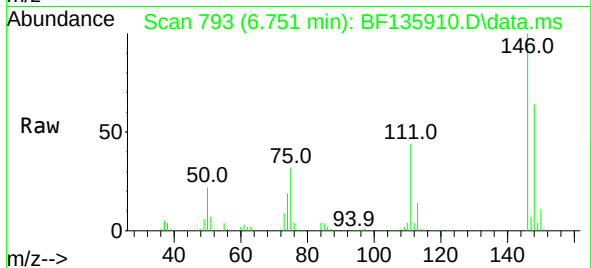
111 44.2 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#14

1,2-Dichlorobenzene

Concen: 40.290 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

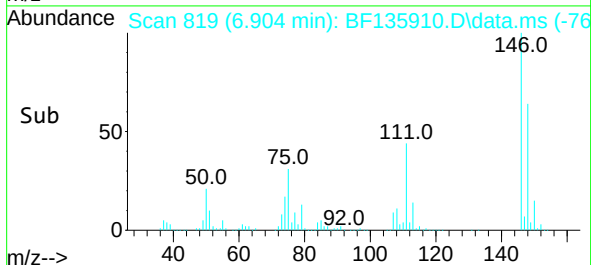
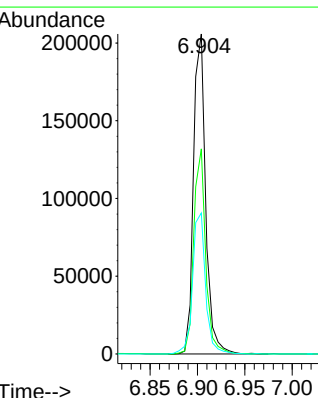
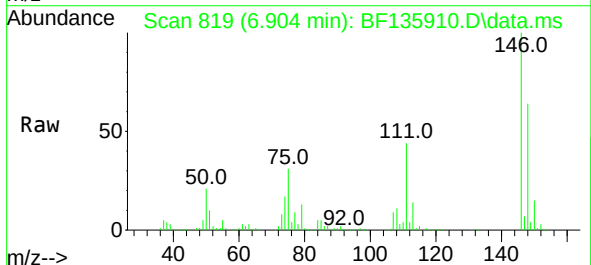
Tgt Ion:146 Resp: 183083

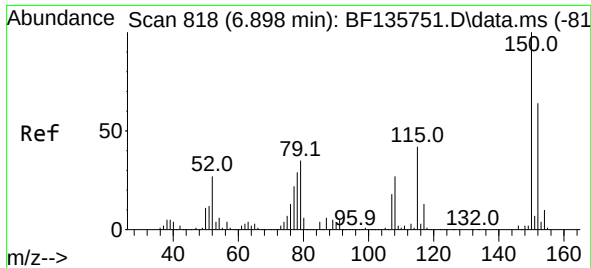
Ion Ratio Lower Upper

146 100

148 64.1 50.2 75.2

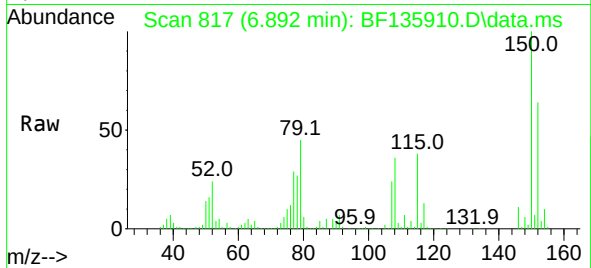
111 44.1 37.1 55.7





#15
Benzyl Alcohol
Concen: 41.758 ng
RT: 6.892 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

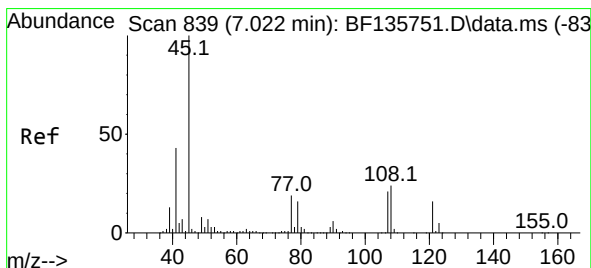
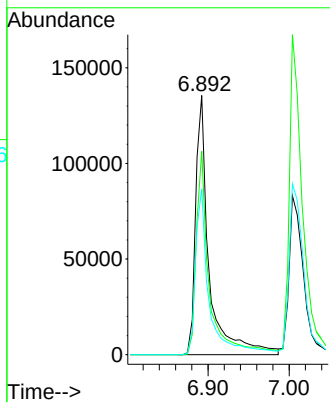
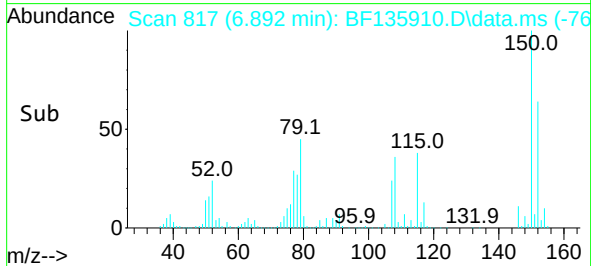
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 157869
Ion Ratio Lower Upper
79 100
108 78.5 62.0 93.0
77 63.9 50.5 75.7

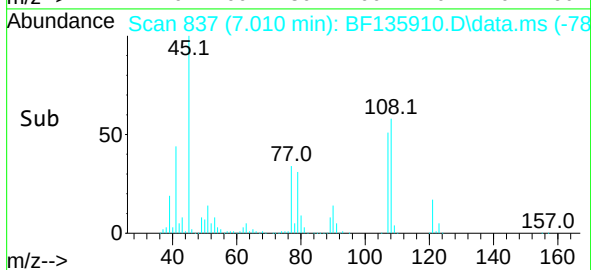
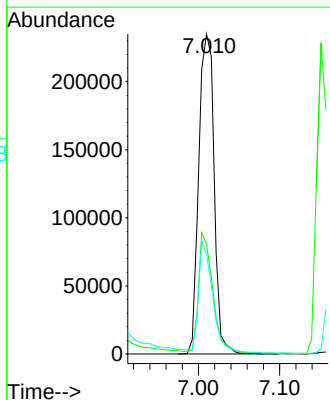
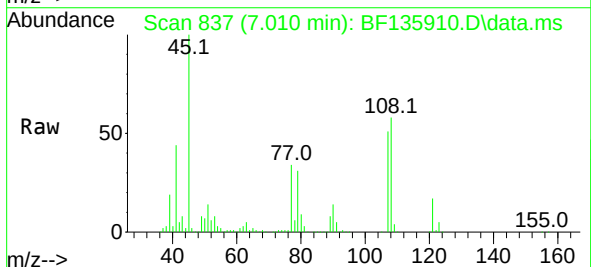
Manual Integrations
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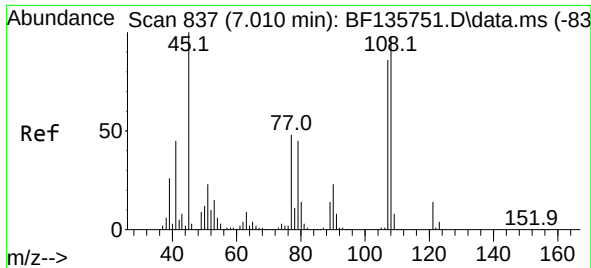
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.533 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion: 45 Resp: 308500
Ion Ratio Lower Upper
45 100
77 34.3 0.0 39.8
79 31.1 0.0 37.6





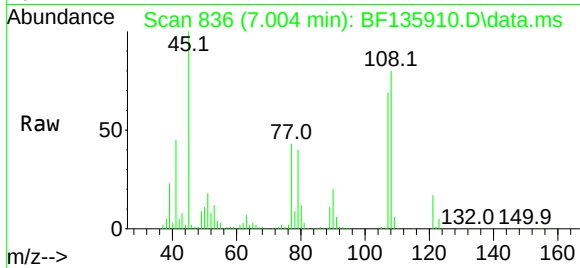
#17
2-Methylphenol
Concen: 38.824 ng
RT: 7.004 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

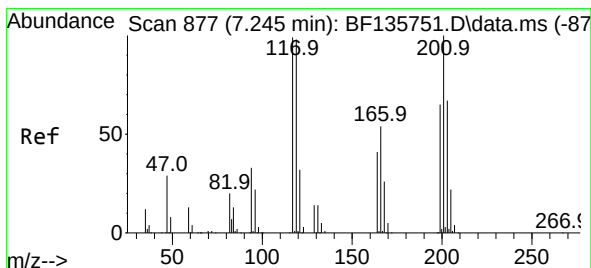
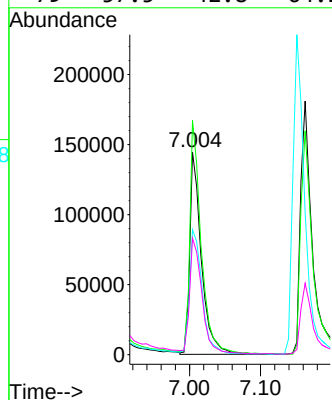


Tgt Ion:107 Resp: 165160
Ion Ratio Lower Upper
107 100
108 115.7 91.8 137.6
77 61.7 45.4 68.0
79 57.5 42.8 64.2

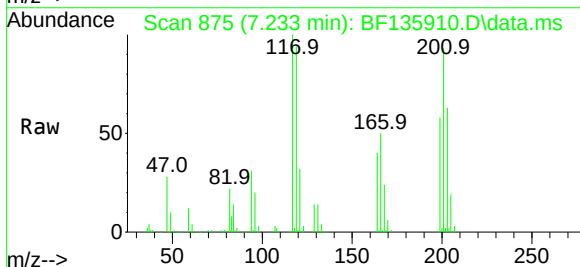
Manual Integrations

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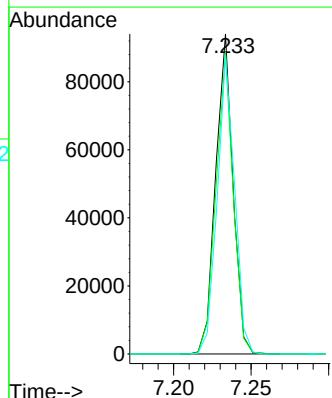
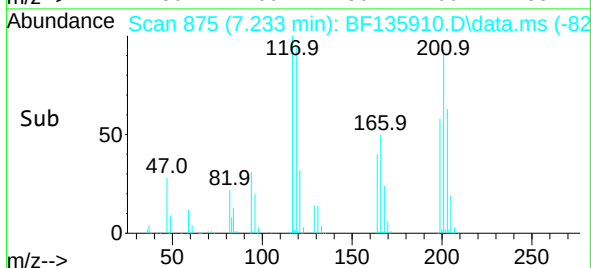
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

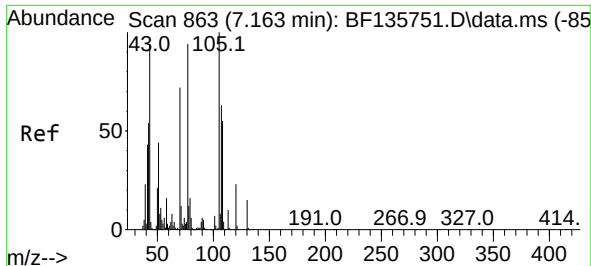


#18
Hexachloroethane
Concen: 39.919 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



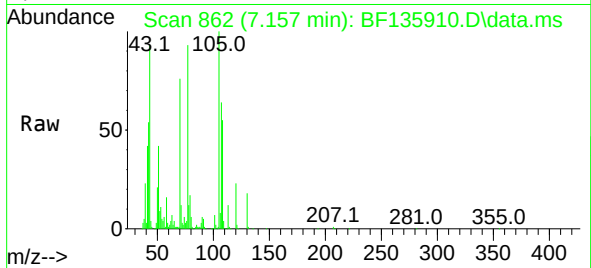
Tgt Ion:117 Resp: 73047
Ion Ratio Lower Upper
117 100
119 94.4 79.5 119.3
201 93.2 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 38.453 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

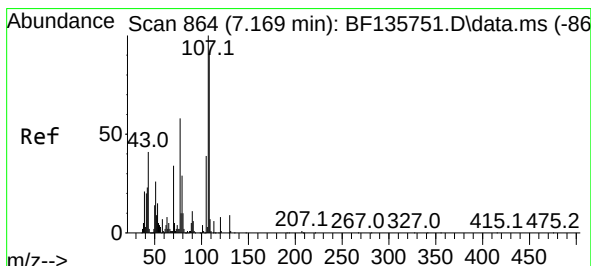
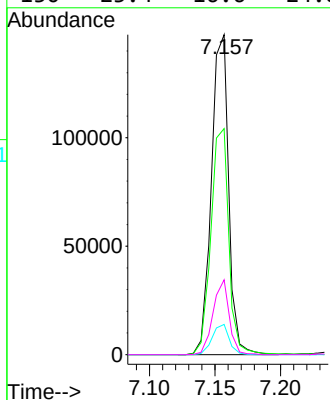
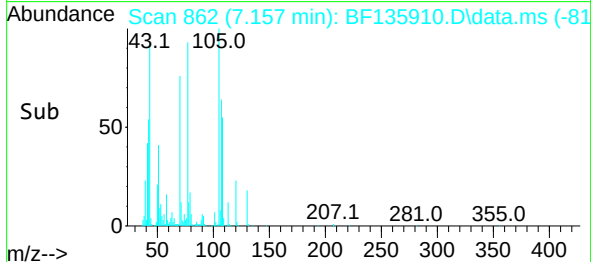
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 70 Resp: 13518
Ion Ratio Lower Upper
70 100
42 70.7 59.8 89.6
101 9.5 7.4 11.2
130 23.4 16.6 24.8

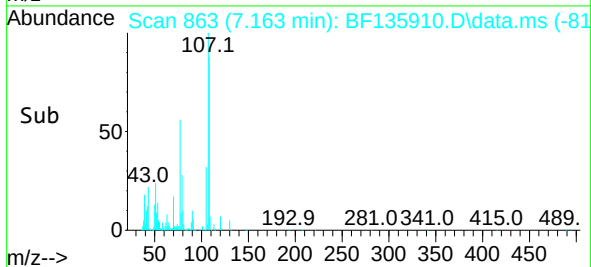
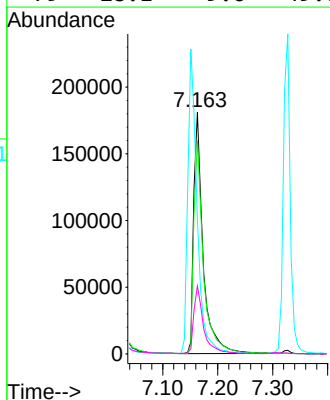
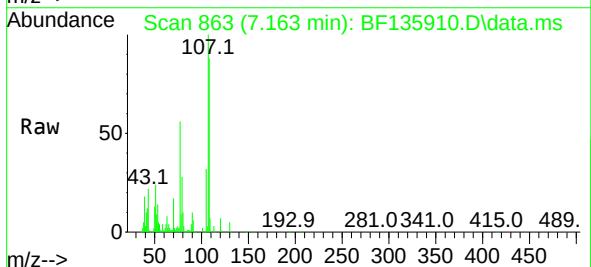
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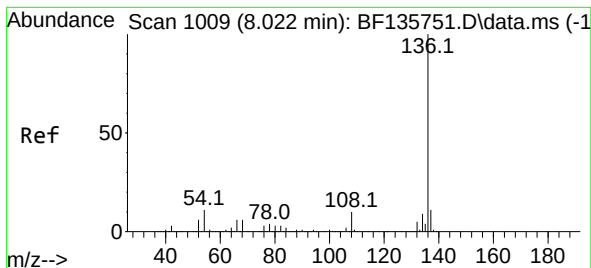
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#20
3+4-Methylphenols
Concen: 40.610 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion:107 Resp: 215368
Ion Ratio Lower Upper
107 100
108 88.3 71.1 111.1
77 55.8 42.0 82.0
79 28.1 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF135910.D

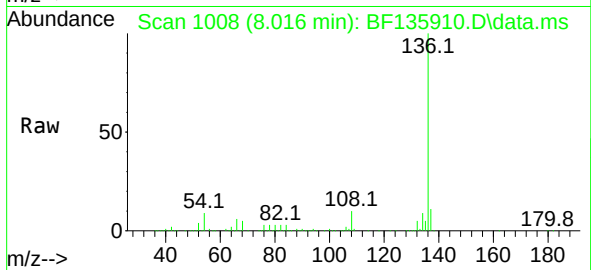
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:136 Resp: 269469

Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 8.7 8.5 12.7

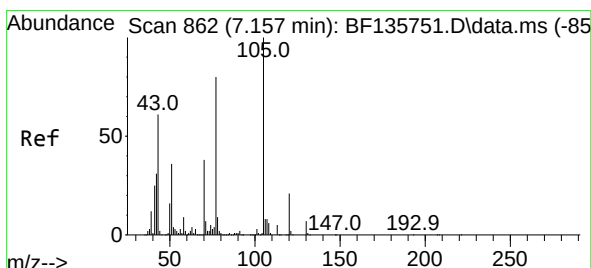
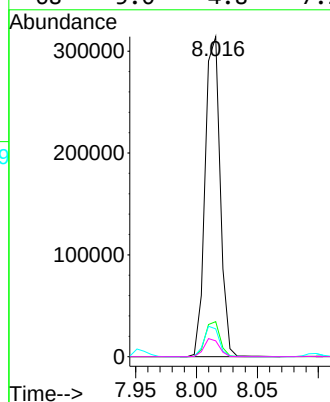
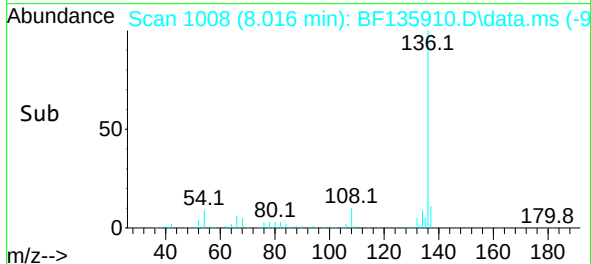
68 5.0 4.8 7.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#22

Acetophenone

Concen: 42.142 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.006 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Tgt Ion:105 Resp: 260441

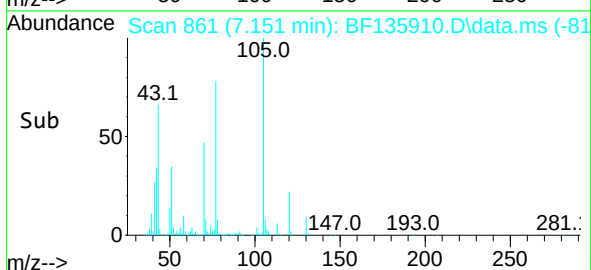
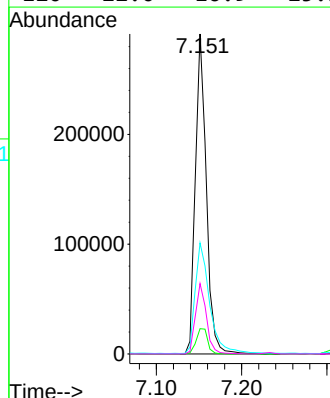
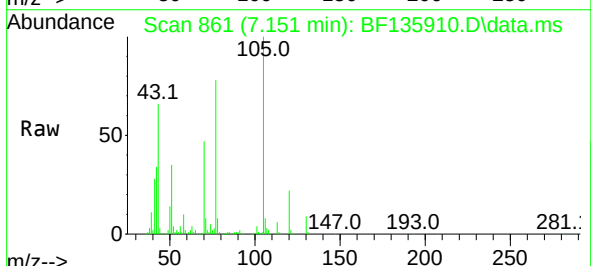
Ion Ratio Lower Upper

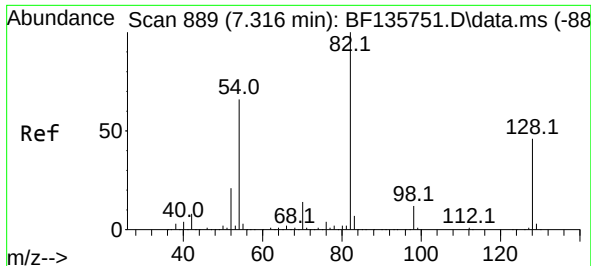
105 100

71 7.9 5.4 8.0

51 34.7 29.4 44.0

120 22.0 16.9 25.3





#23

Nitrobenzene-d5

Concen: 84.969 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

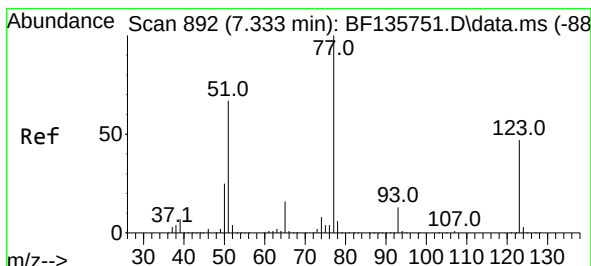
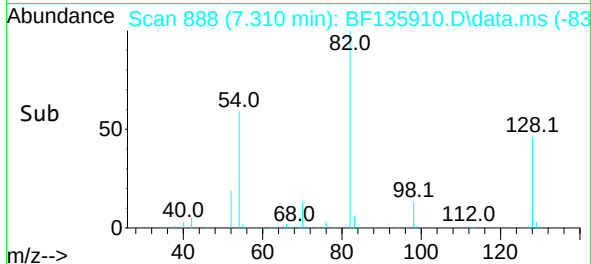
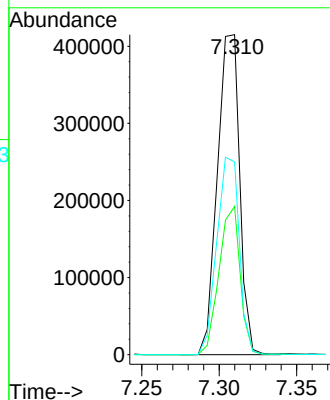
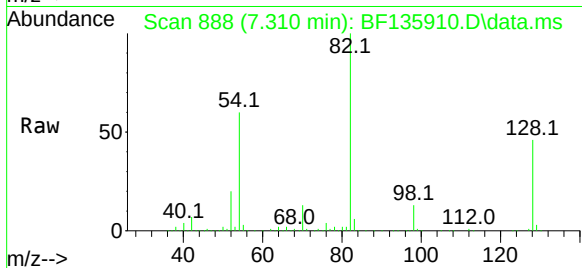
SSTDCCC040EC

Tgt Ion: 82 Resp: 41630
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.0 55.6
 54 60.2 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023



#24

Nitrobenzene

Concen: 42.386 ng

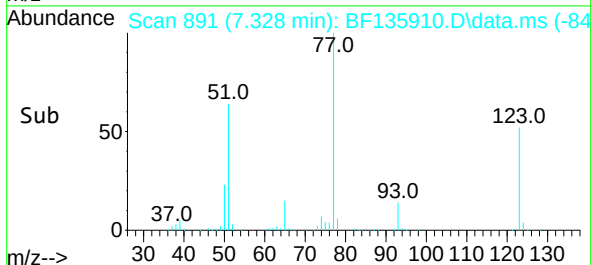
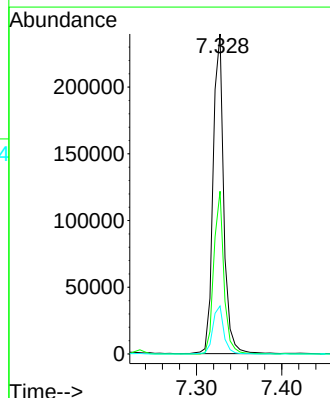
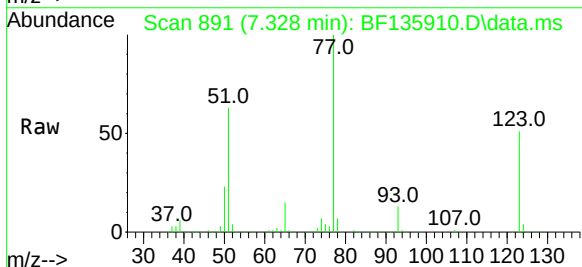
RT: 7.328 min Scan# 891

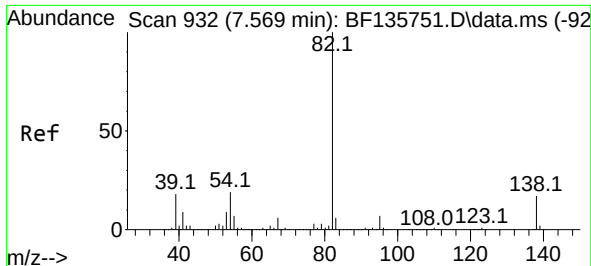
Delta R.T. -0.006 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Tgt Ion: 77 Resp: 208425
 Ion Ratio Lower Upper
 77 100
 123 50.9 37.3 55.9
 65 15.0 12.6 18.8





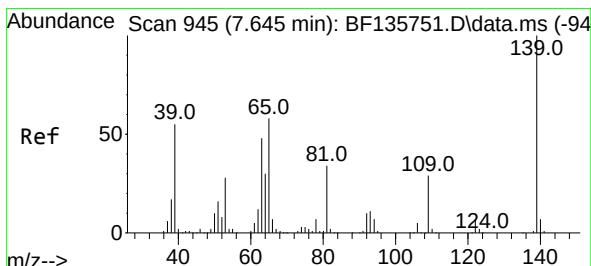
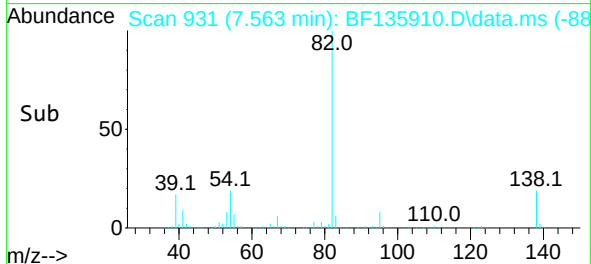
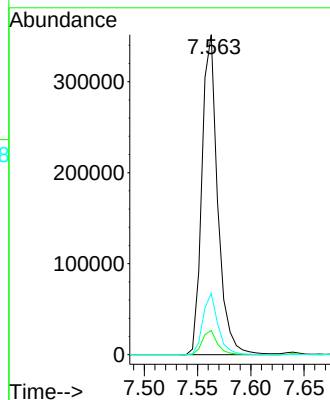
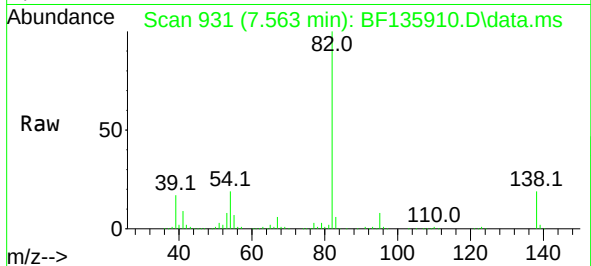
#25
Isophorone
Concen: 39.468 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 36481
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 19.2 13.9 20.9

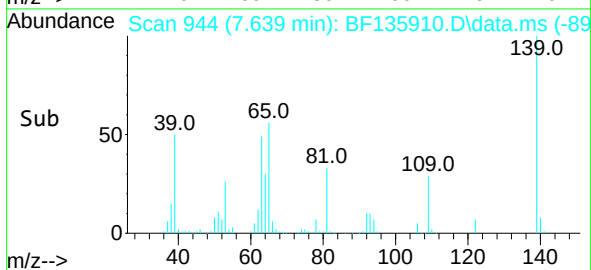
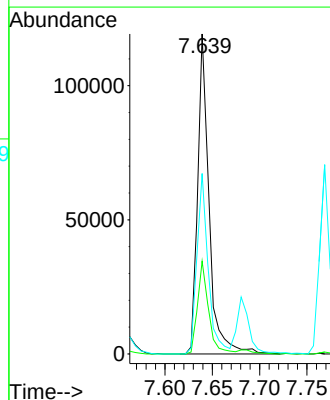
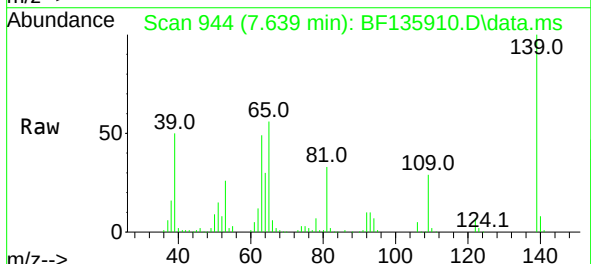
Manual Integrations
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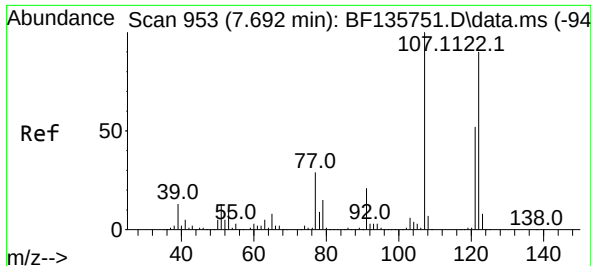
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#26
2-Nitrophenol
Concen: 41.945 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion:139 Resp: 100656
Ion Ratio Lower Upper
139 100
109 29.0 23.0 34.4
65 56.4 46.0 69.0





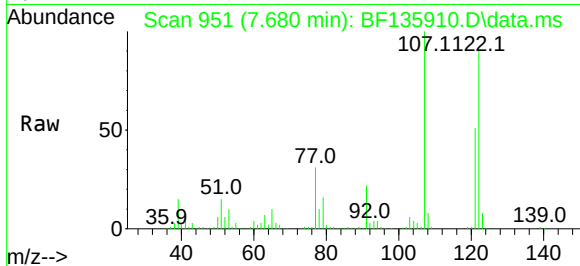
#27
2,4-Dimethylphenol
Concen: 43.076 ng
RT: 7.680 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

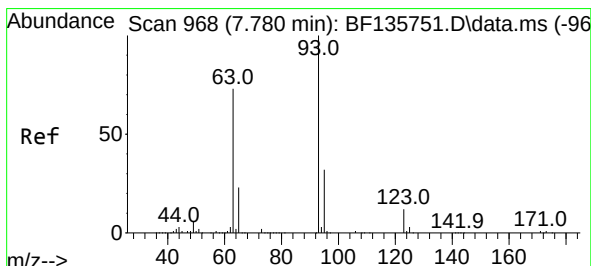
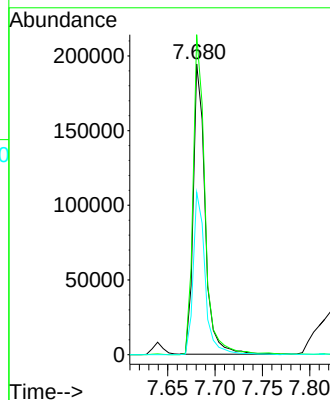
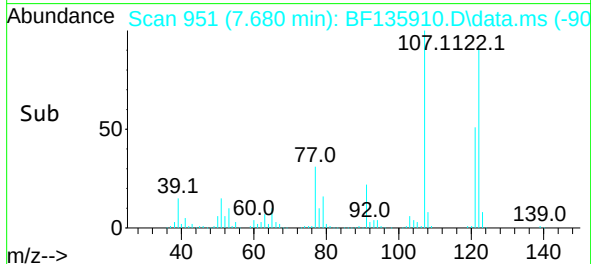


Tgt Ion:122 Resp: 170169
Ion Ratio Lower Upper
122 100
107 110.1 88.2 132.4
121 55.9 45.5 68.3

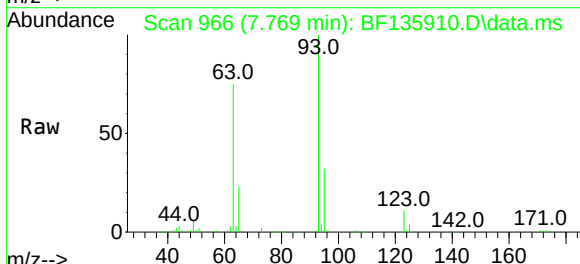
Manual Integrations

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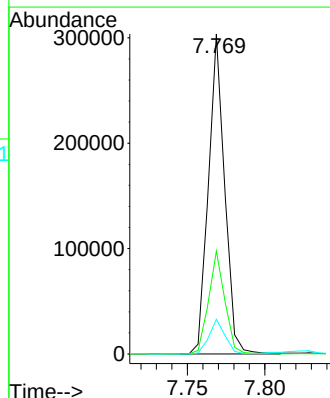
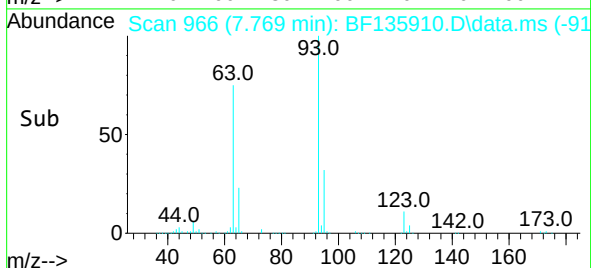
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

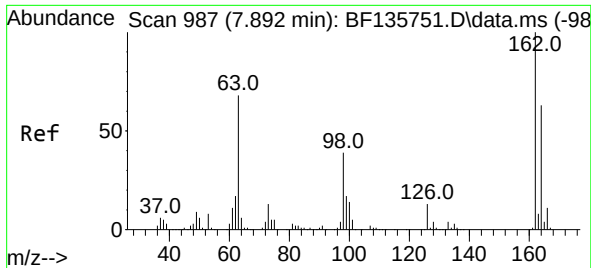


#28
bis(2-Chloroethoxy)methane
Concen: 40.177 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



Tgt Ion: 93 Resp: 221162
Ion Ratio Lower Upper
93 100
95 32.2 25.7 38.5
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.685 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135910.D

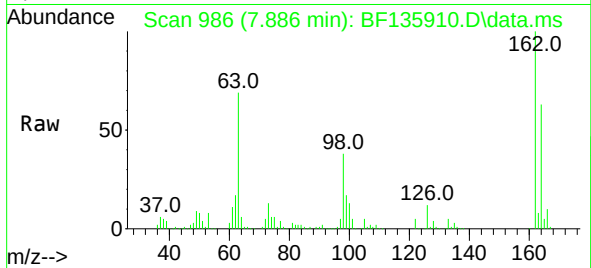
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:162 Resp: 15432

Ion Ratio Lower Upper

162 100

164 63.1 43.4 83.4

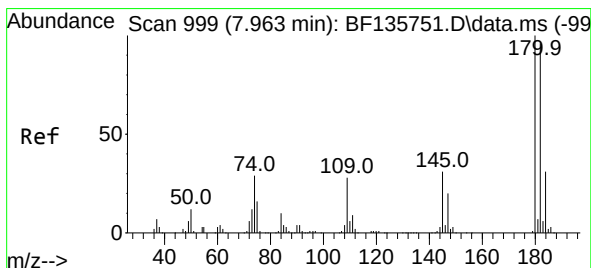
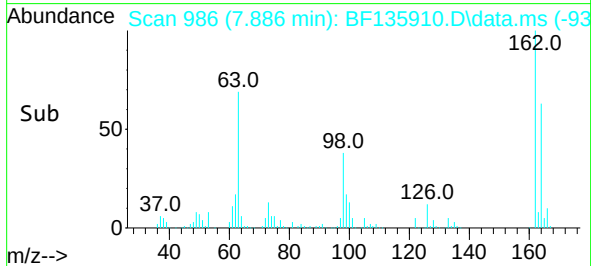
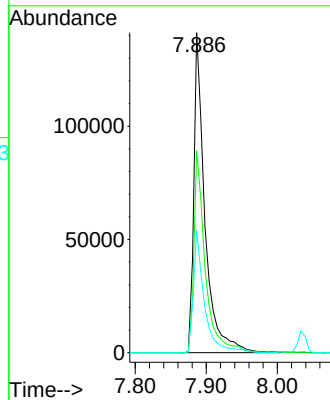
98 38.2 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.806 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.012 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

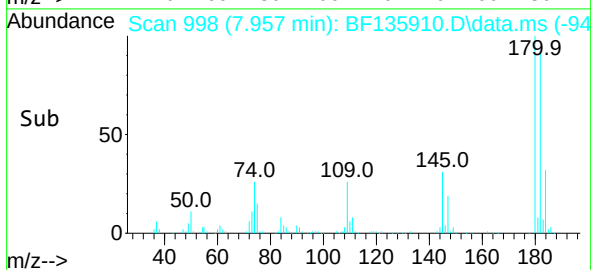
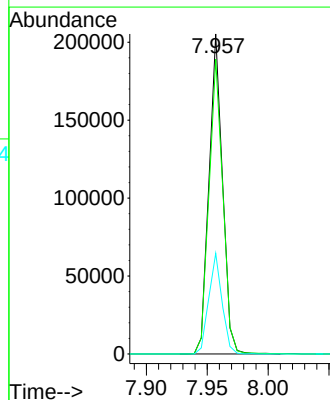
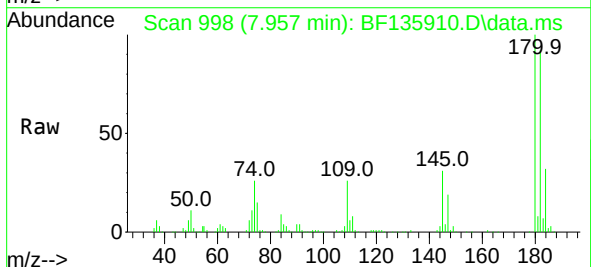
Tgt Ion:180 Resp: 158297

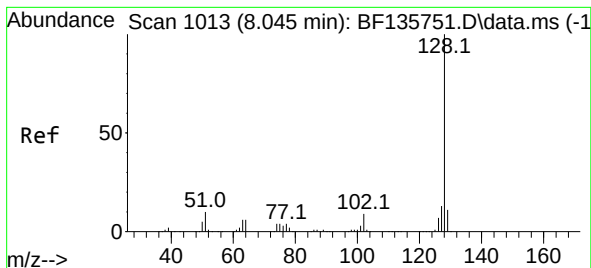
Ion Ratio Lower Upper

180 100

182 92.1 76.4 114.6

145 31.5 25.0 37.6





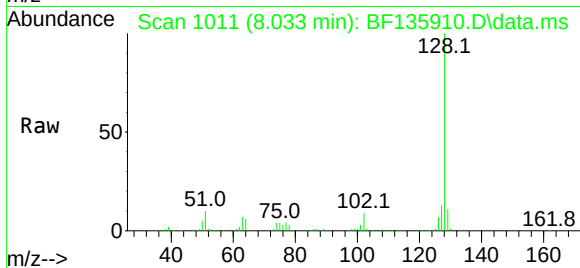
#31
Naphthalene
Concen: 41.661 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



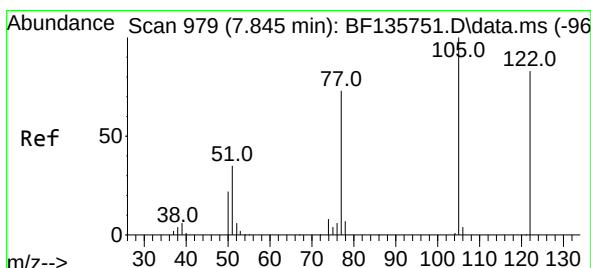
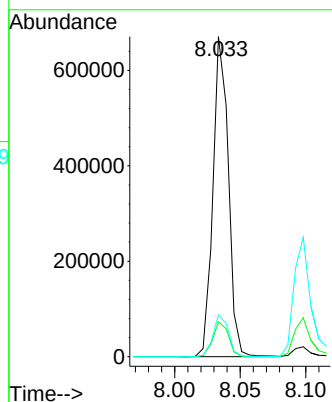
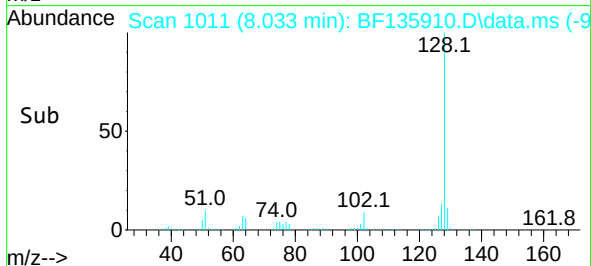
Tgt Ion:128 Resp: 547570
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.2 15.4

Manual Integrations

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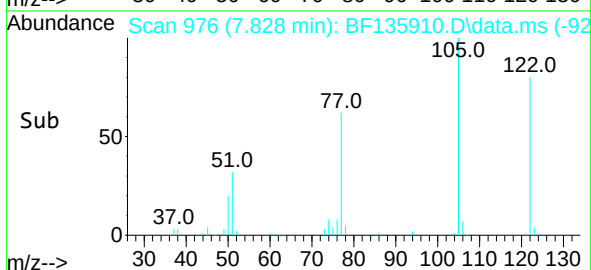
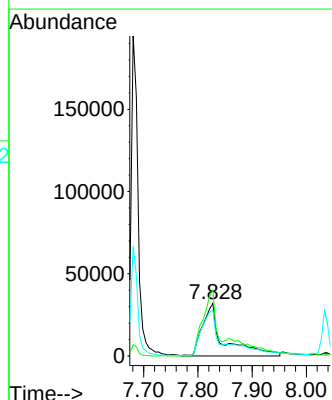
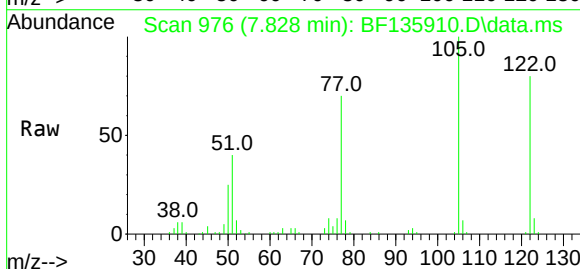
Reviewed By :Yogesh Patel 10/21/2023

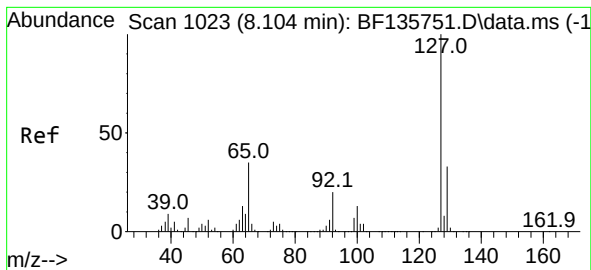
Supervised By :mohammad ahmed 10/21/2023



#32
Benzoic acid
Concen: 32.560 ng m
RT: 7.828 min Scan# 976
Delta R.T. -0.024 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion:122 Resp: 87068
Ion Ratio Lower Upper
122 100
105 125.1 98.7 138.7
77 87.1 67.8 107.8





#33
4-Chloroaniline
Concen: 41.379 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

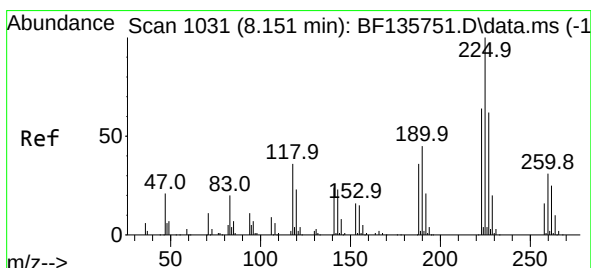
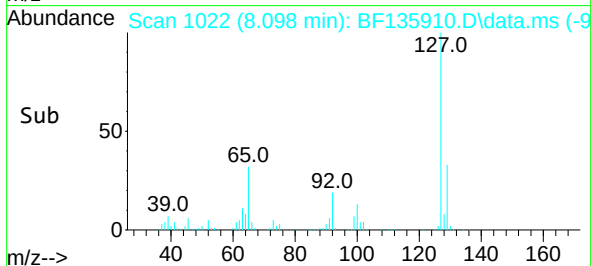
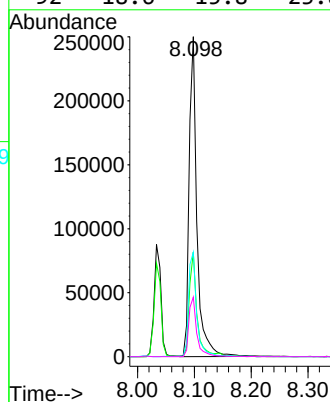
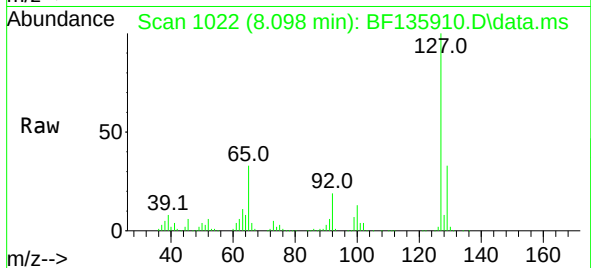
SSTDCCC040EC

Tgt Ion:127 Resp: 23757
Ion Ratio Lower Upper
127 100
129 32.6 26.5 39.7
65 32.6 27.9 41.9
92 18.6 15.8 23.8

Manual Integrations

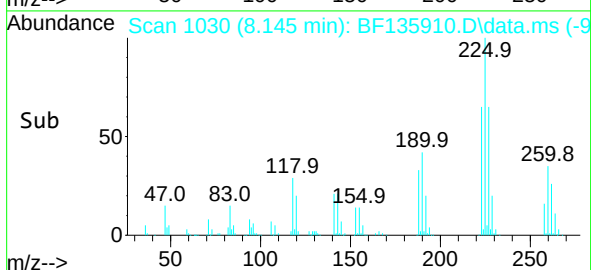
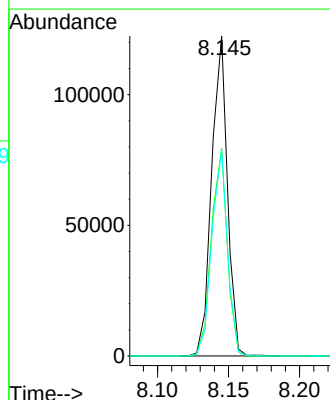
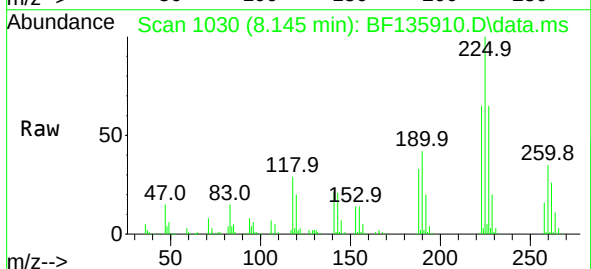
APPROVED

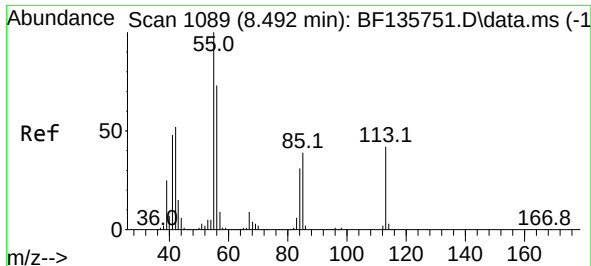
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#34
Hexachlorobutadiene
Concen: 42.092 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion:225 Resp: 94338
Ion Ratio Lower Upper
225 100
223 64.9 51.1 76.7
227 64.5 49.7 74.5





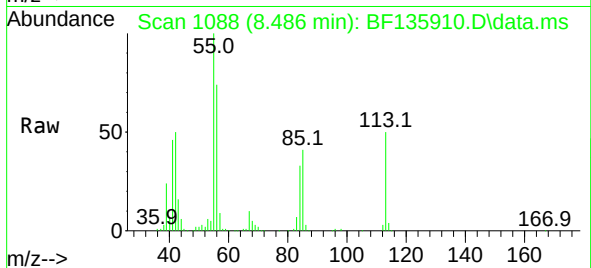
#35
 Caprolactam
 Concen: 40.828 ng
 RT: 8.486 min Scan# 1088
 Delta R.T. -0.012 min
 Lab File: BF135910.D
 Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



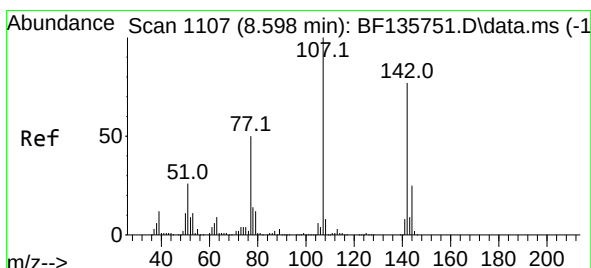
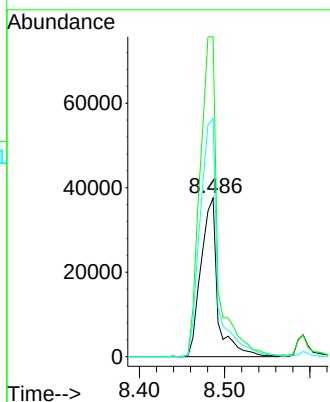
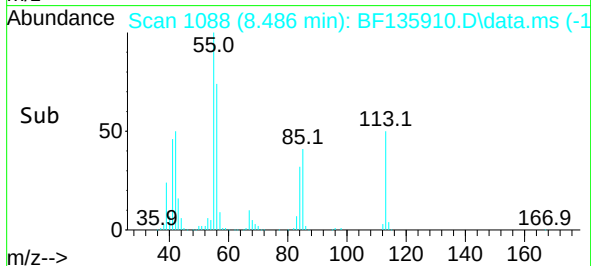
Tgt Ion:113 Resp: 5167
 Ion Ratio Lower Upper
 113 100
 55 201.7 217.4 257.4
 56 150.1 153.1 193.1

Manual Integrations

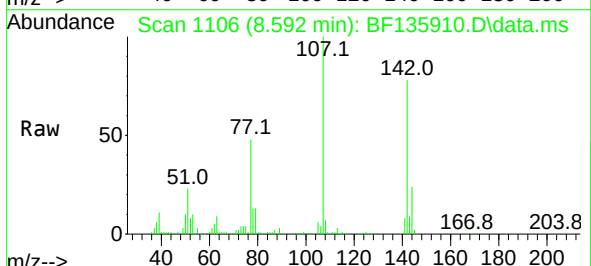
APPROVED

Reviewed By :Yogesh Patel 10/21/2023

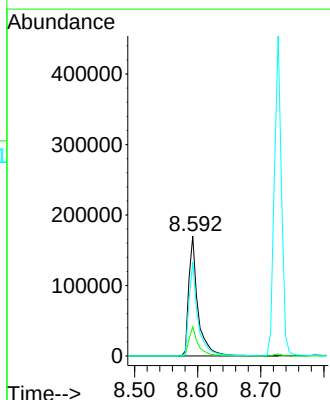
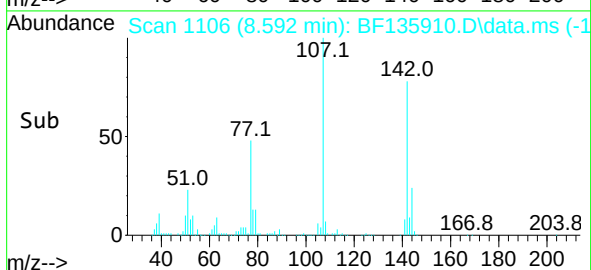
Supervised By :mohammad ahmed 10/21/2023

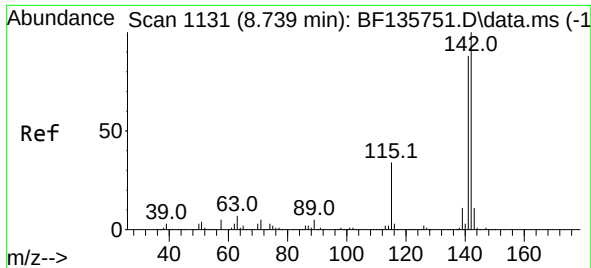


#36
 4-Chloro-3-methylphenol
 Concen: 41.817 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF135910.D
 Acq: 20 Oct 2023 16:07



Tgt Ion:107 Resp: 171680
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.8 29.8
 142 78.5 61.3 91.9





#37

2-Methylnaphthalene

Concen: 41.304 ng

RT: 8.727 min Scan# 1129

Delta R.T. -0.012 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:142 Resp: 357679

Ion Ratio Lower Upper

142 100

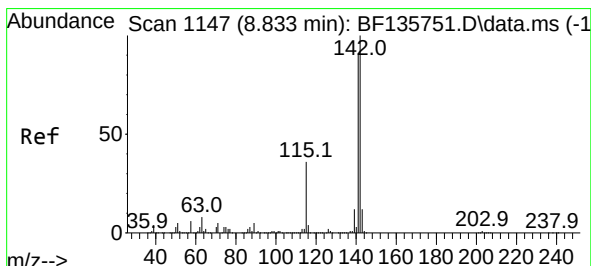
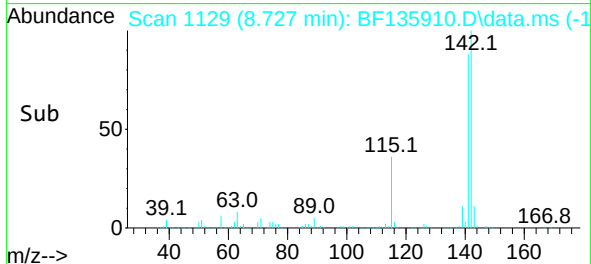
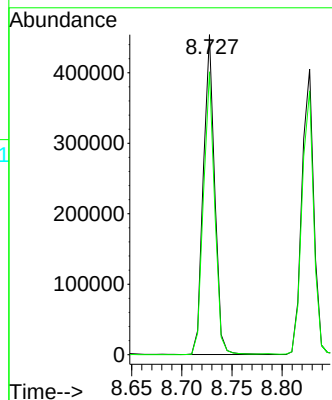
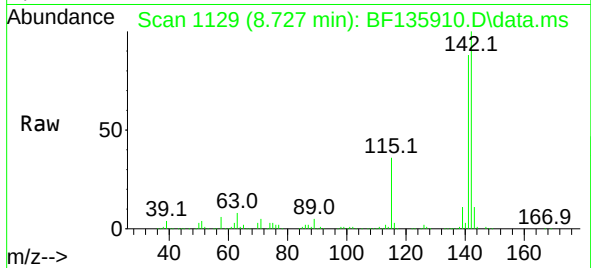
141 88.4 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#38

1-Methylnaphthalene

Concen: 41.642 ng

RT: 8.827 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF135910.D

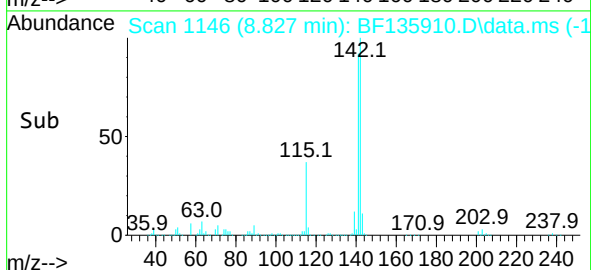
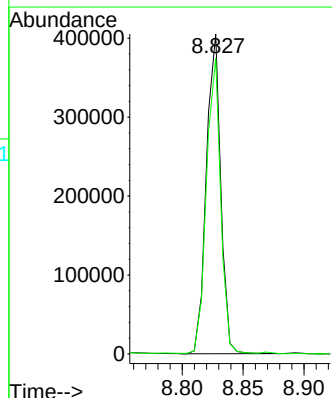
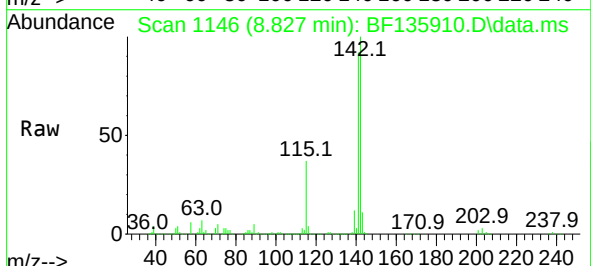
Acq: 20 Oct 2023 16:07

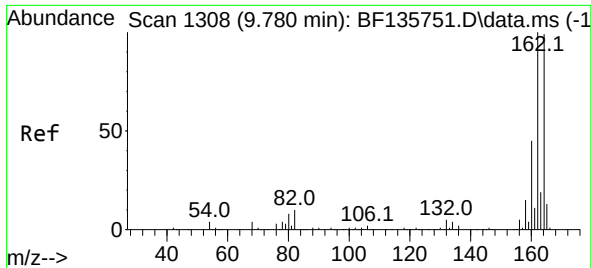
Tgt Ion:142 Resp: 332601

Ion Ratio Lower Upper

142 100

141 92.3 72.7 109.1





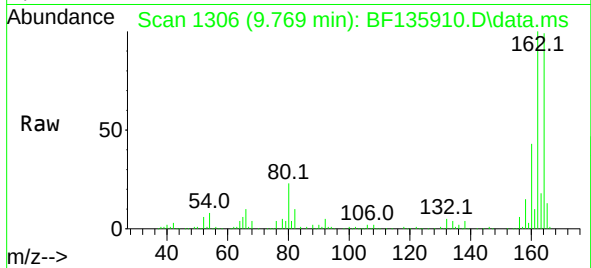
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1130
Delta R.T. -0.018 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



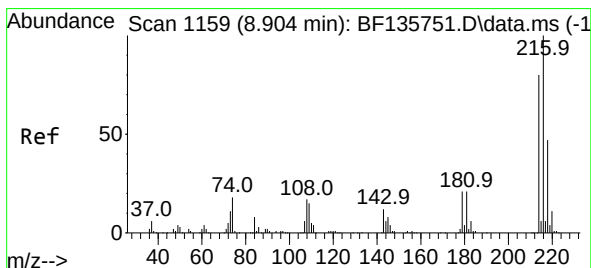
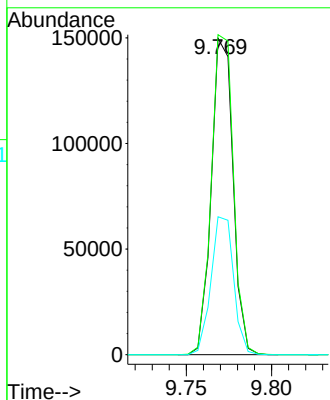
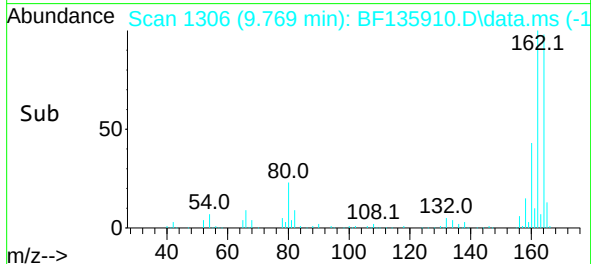
Tgt Ion:164 Resp: 132700
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 43.6 36.6 54.8

Manual Integrations

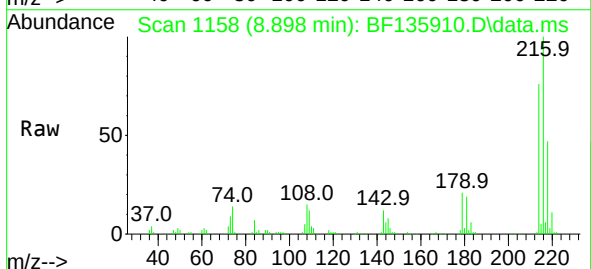
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Reviewed By :Yogesh Patel 10/21/2023

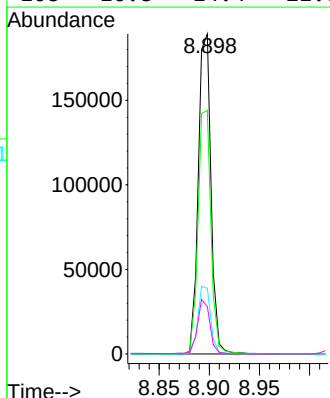
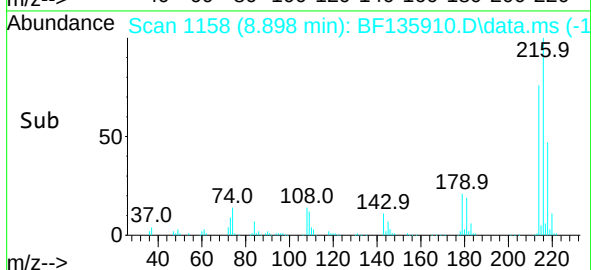
Supervised By :mohammad ahmed 10/21/2023

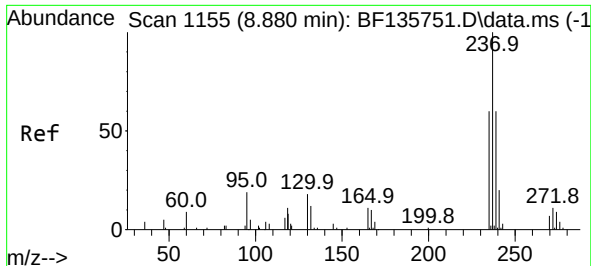


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.978 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



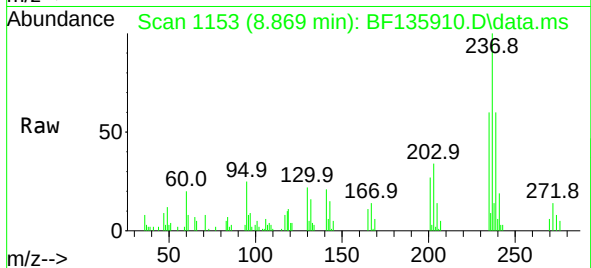
Tgt Ion:216 Resp: 167879
Ion Ratio Lower Upper
216 100
214 77.5 64.0 96.0
179 21.2 16.9 25.3
108 16.8 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 30.191 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.018 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

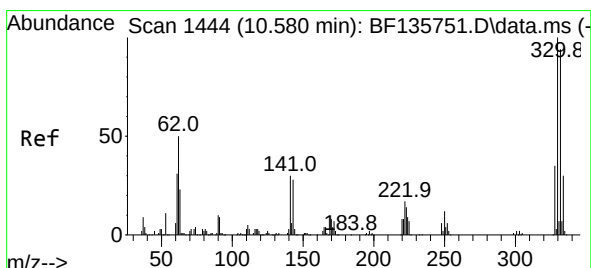
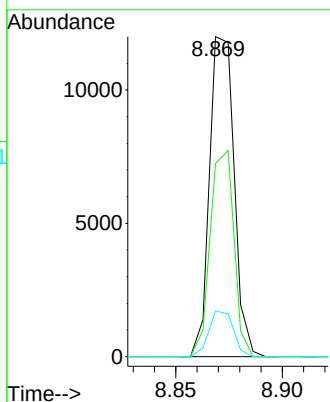
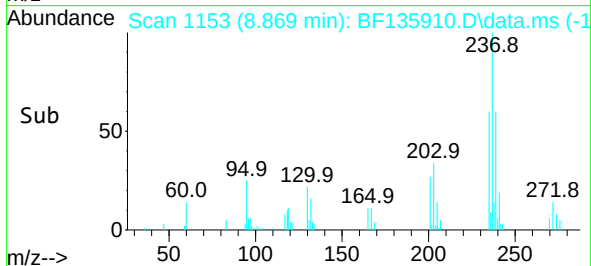
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



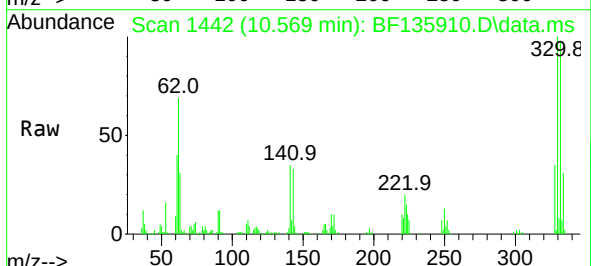
Tgt Ion:237 Resp: 9640
Ion Ratio Lower Upper
237 100
235 60.3 40.0 80.0
272 14.2 0.0 30.9

Manual Integrations
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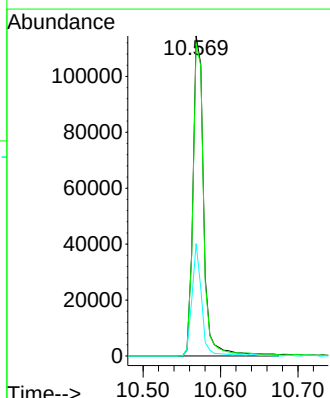
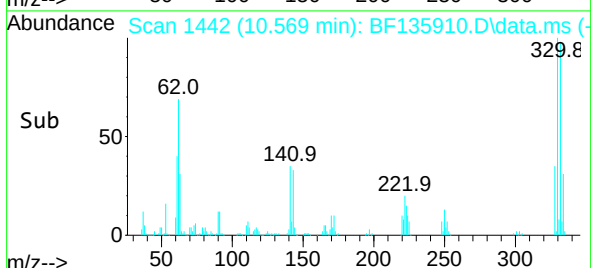
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

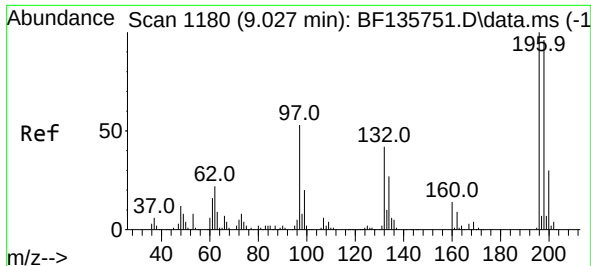


#42
2,4,6-Tribromophenol
Concen: 86.933 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.018 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



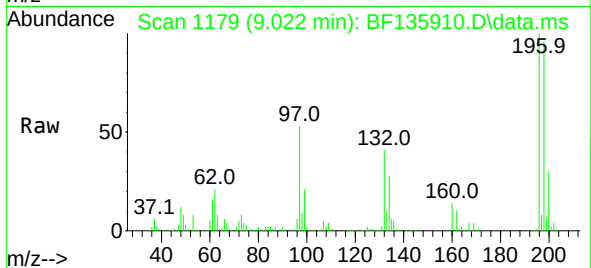
Tgt Ion:330 Resp: 110702
Ion Ratio Lower Upper
330 100
332 97.6 75.0 112.4
141 31.3 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 41.442 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

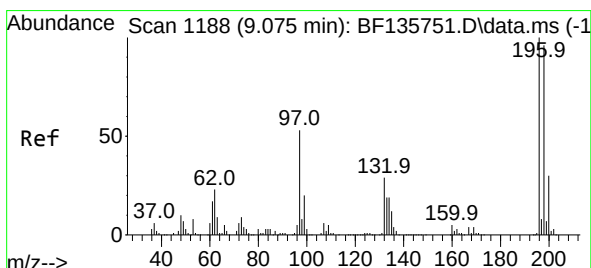
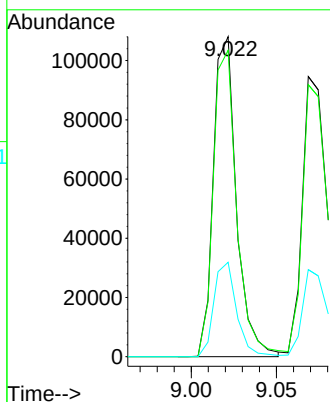
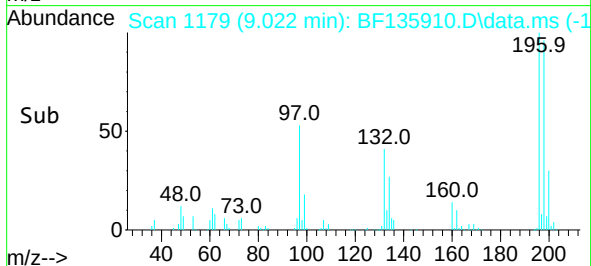
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



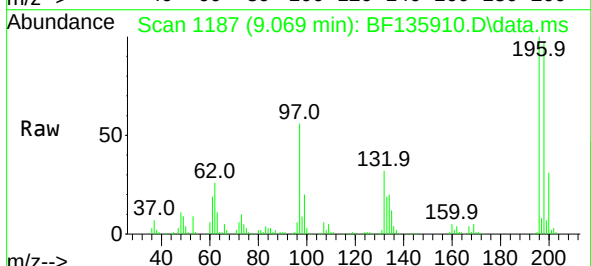
Tgt Ion:196 Resp: 10194
Ion Ratio Lower Upper
196 100
198 95.8 76.7 115.1
200 29.5 24.2 36.4

Manual Integrations
APPROVED

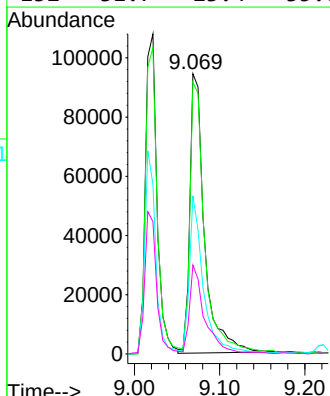
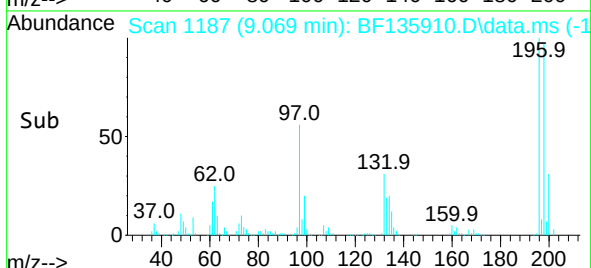
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

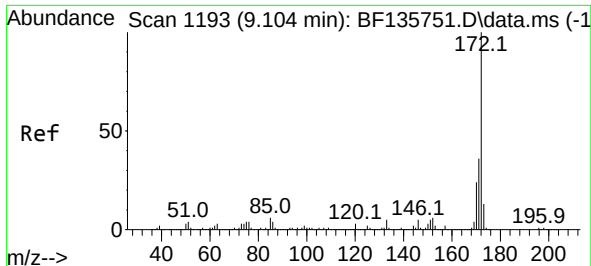


#44
2,4,5-Trichlorophenol
Concen: 39.359 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



Tgt Ion:196 Resp: 112611
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.6
97 56.4 42.2 63.2
132 31.7 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 86.481 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

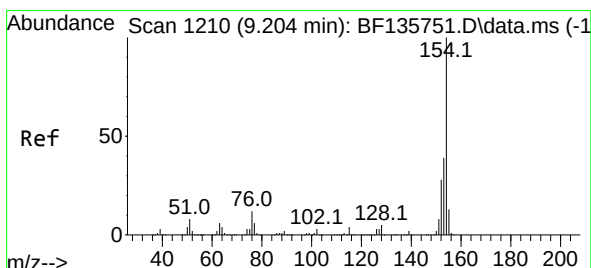
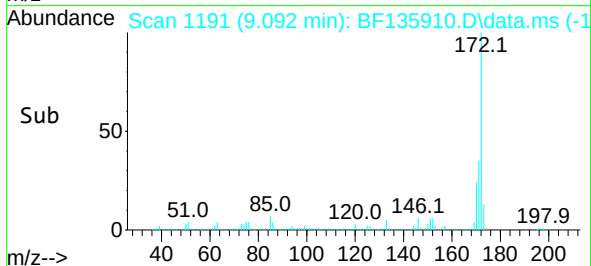
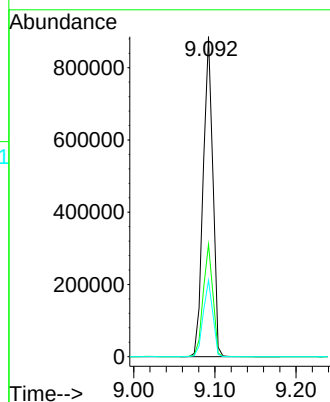
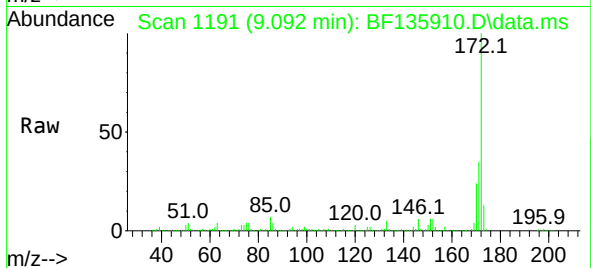
Tgt Ion:172	Resp: 734024
Ion Ratio	Lower Upper
172 100	
171 35.1	28.4 42.6
170 23.9	18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#46

1,1'-Biphenyl

Concen: 42.842 ng

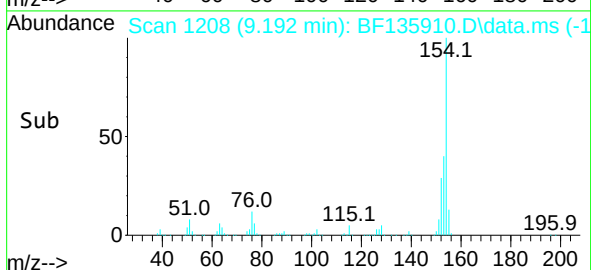
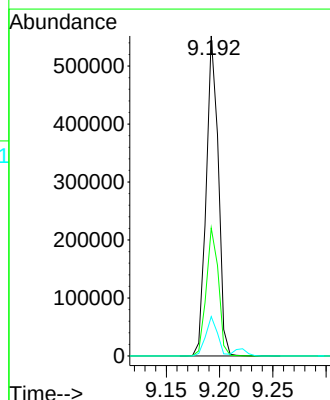
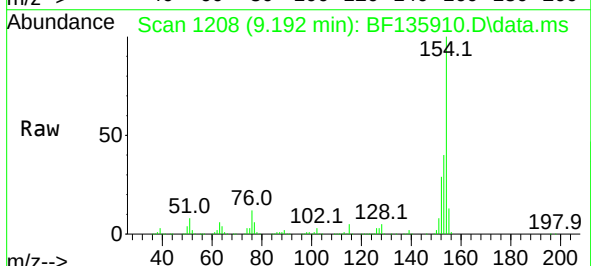
RT: 9.192 min Scan# 1208

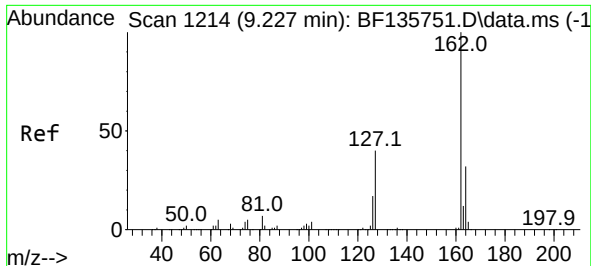
Delta R.T. -0.012 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Tgt Ion:154	Resp: 435510
Ion Ratio	Lower Upper
154 100	
153 40.0	19.4 59.4
76 12.3	0.0 31.7





#47

2-Chloronaphthalene

Concen: 43.454 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF135910.D

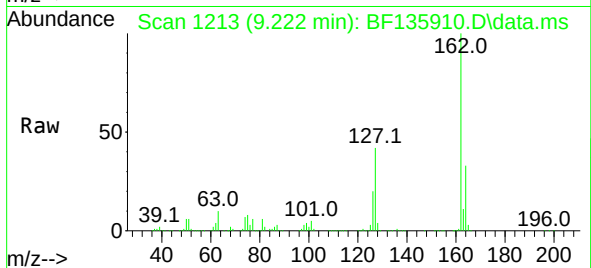
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 162 Resp: 31835

Ion Ratio Lower Upper

162 100

127 41.7 34.7 52.1

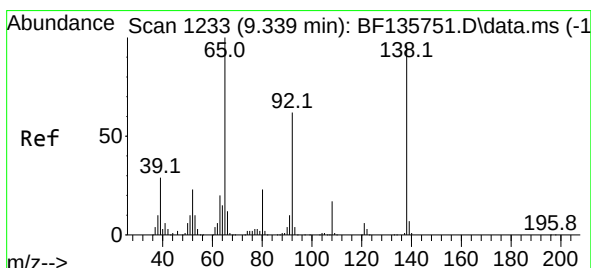
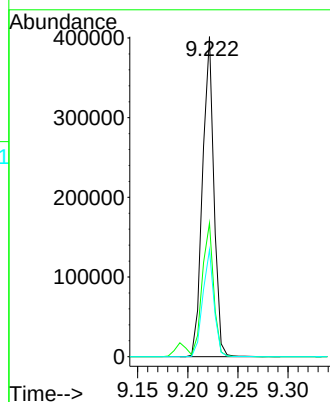
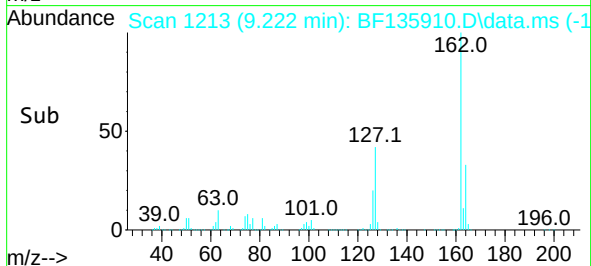
164 33.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#48

2-Nitroaniline

Concen: 44.705 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

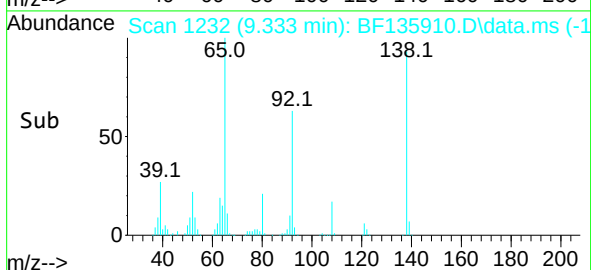
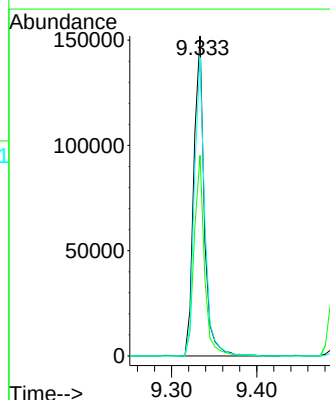
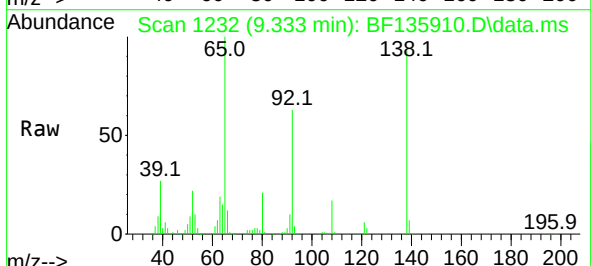
Tgt Ion: 65 Resp: 129279

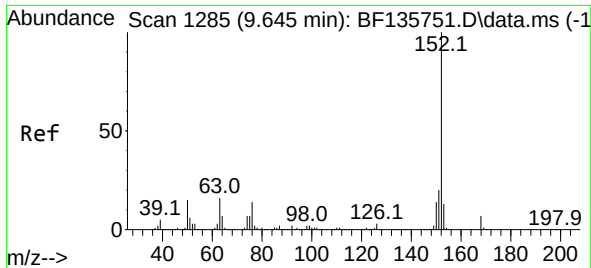
Ion Ratio Lower Upper

65 100

92 62.7 49.4 74.0

138 93.3 76.6 114.8





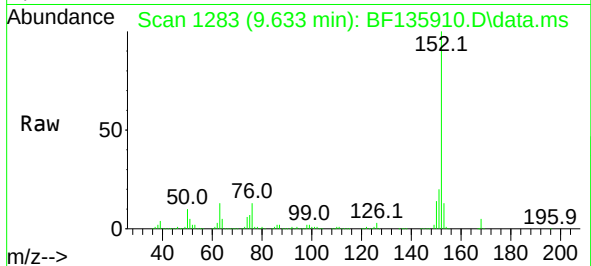
#49
Acenaphthylene
Concen: 42.843 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

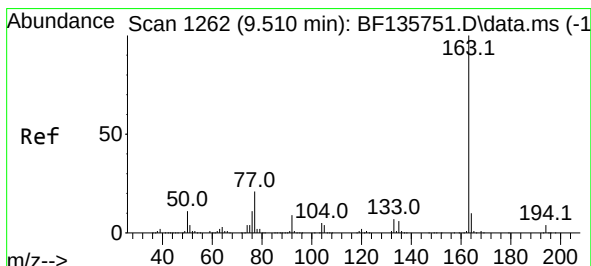
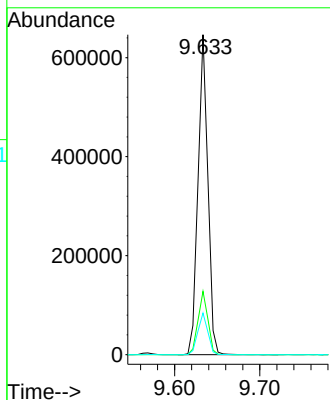
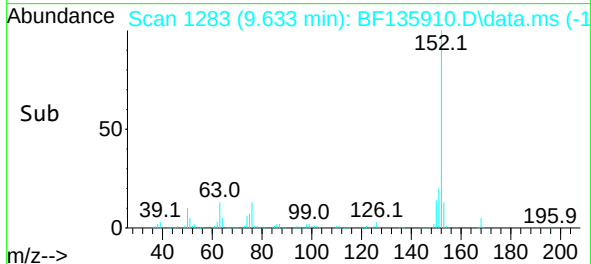


Tgt Ion:152 Resp: 51942
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.0 10.2 15.4

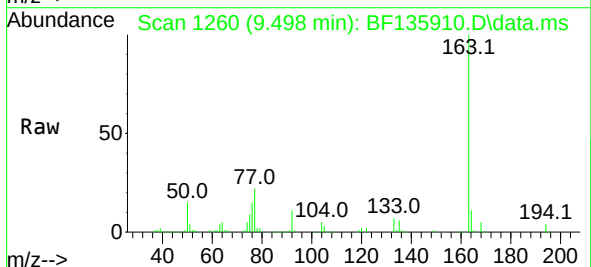
Manual Integrations

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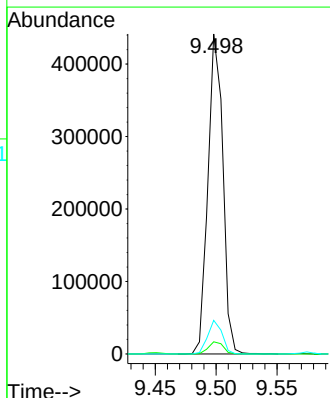
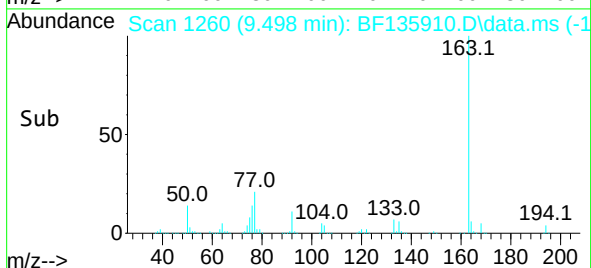
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

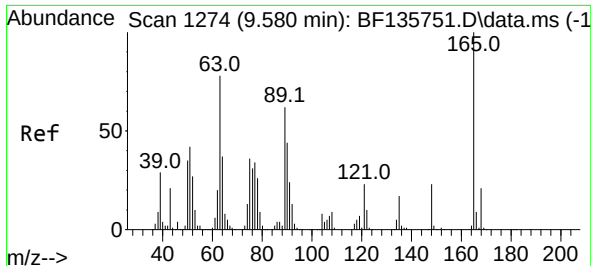


#50
Dimethylphthalate
Concen: 41.942 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



Tgt Ion:163 Resp: 375739
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 43.464 ng

RT: 9.574 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

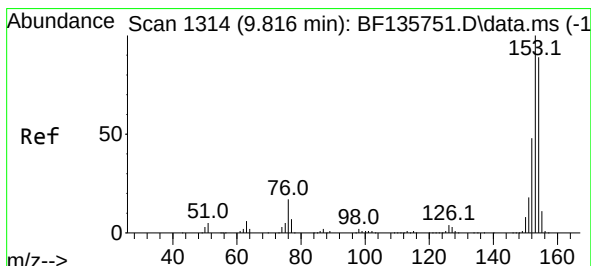
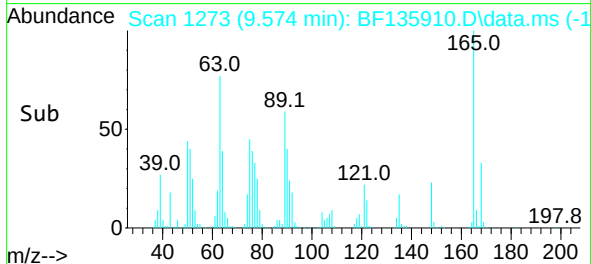
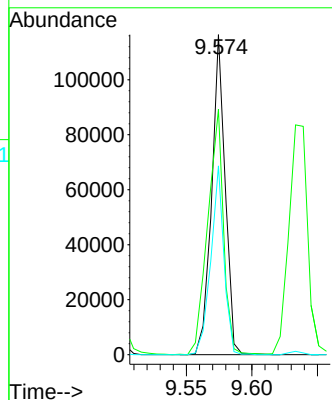
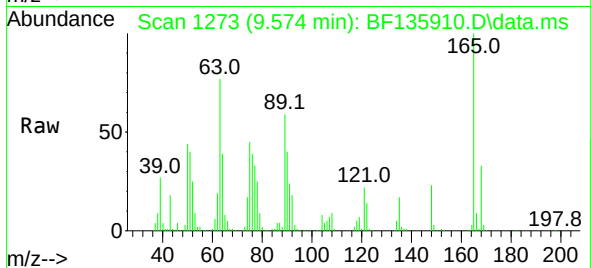
SSTDCCC040EC

Tgt Ion:165 Resp: 83732
 Ion Ratio Lower Upper
 165 100
 63 76.7 62.2 93.4
 89 59.0 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023



#52

Acenaphthene

Concen: 43.123 ng

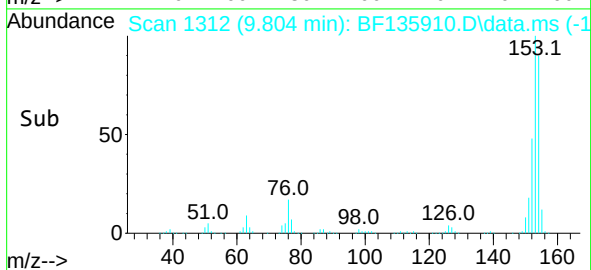
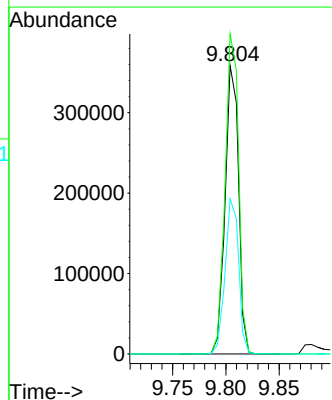
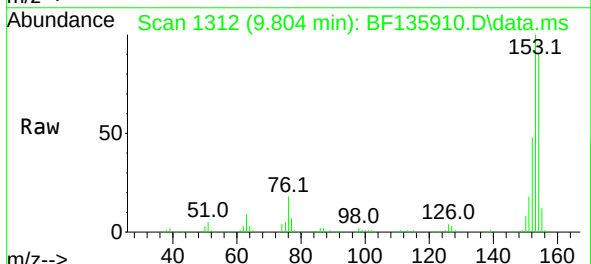
RT: 9.804 min Scan# 1312

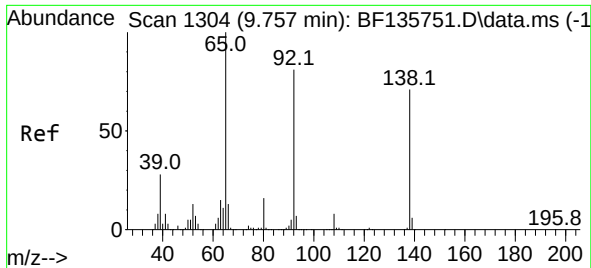
Delta R.T. -0.012 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Tgt Ion:154 Resp: 313375
 Ion Ratio Lower Upper
 154 100
 153 111.0 90.1 135.1
 152 53.8 43.1 64.7





#53
3-Nitroaniline
Concen: 43.777 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

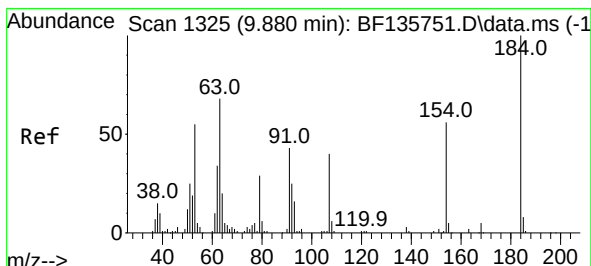
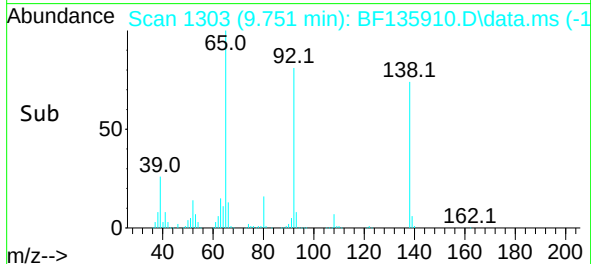
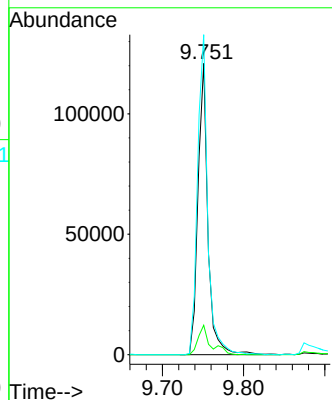
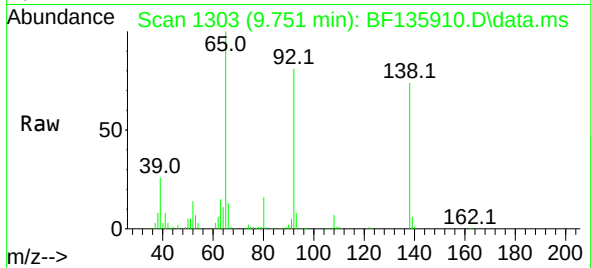
ClientSampleId :

SSTDCCC040EC

Tgt Ion:138 Resp: 10338
Ion Ratio Lower Upper
138 100
108 10.1 8.6 13.0
92 109.9 91.3 136.9

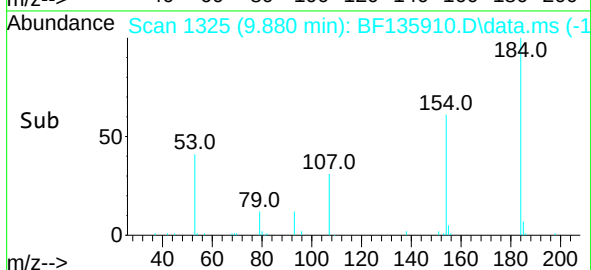
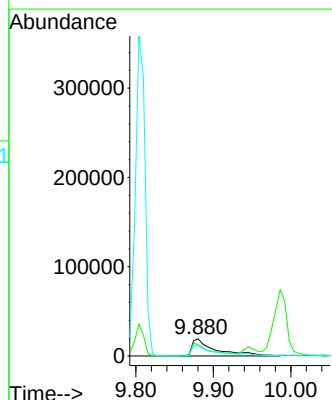
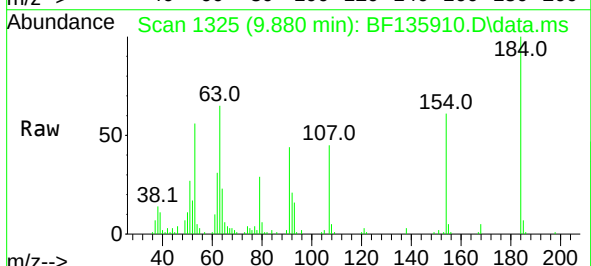
Manual Integrations
APPROVED

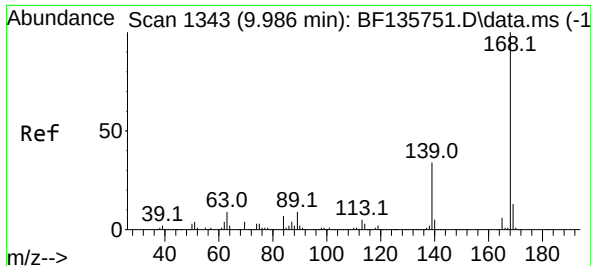
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#54
2,4-Dinitrophenol
Concen: 49.838 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion:184 Resp: 40078
Ion Ratio Lower Upper
184 100
63 65.5 54.6 81.8
154 60.9 45.0 67.4





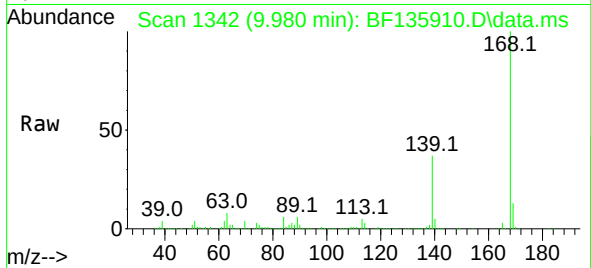
#55
Dibenzenofuran
Concen: 43.830 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

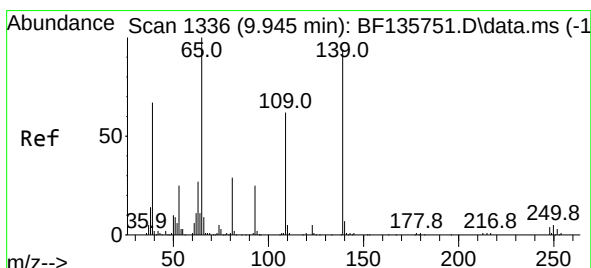
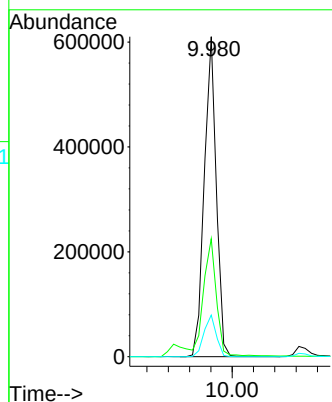
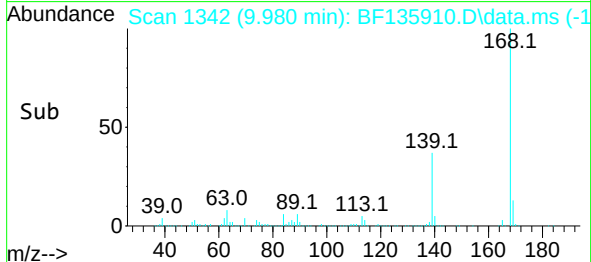


Tgt Ion:168 Resp: 48058
Ion Ratio Lower Upper
168 100
139 36.8 31.0 46.4
169 13.0 10.7 16.1

Manual Integrations

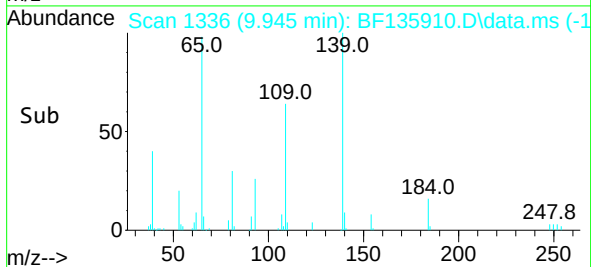
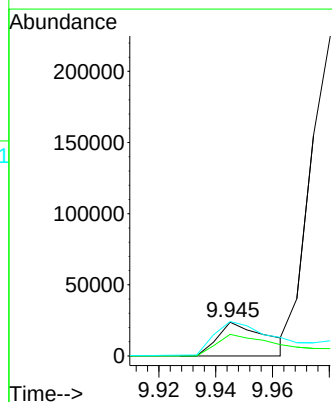
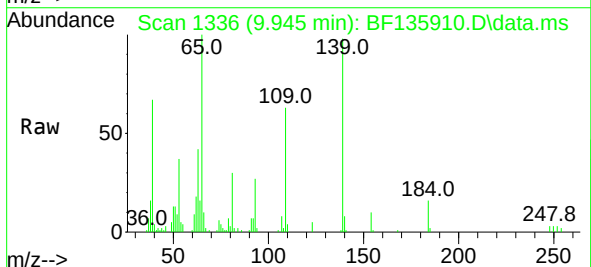
APPROVED

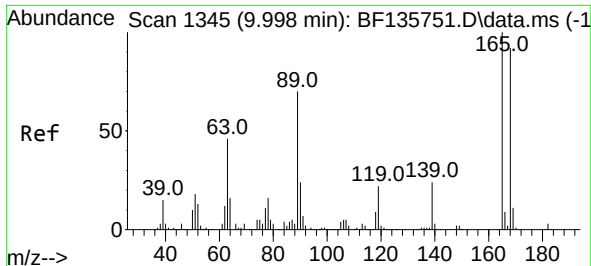
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#56
4-Nitrophenol
Concen: 29.584 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion:139 Resp: 27990
Ion Ratio Lower Upper
139 100
109 64.0 45.6 85.6
65 102.1 87.5 127.5





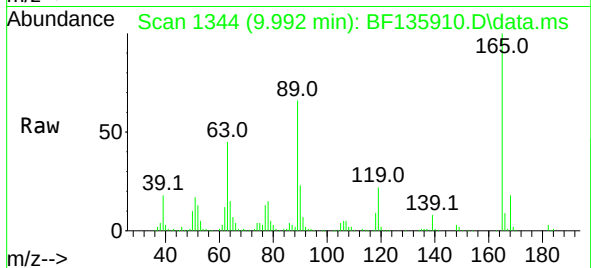
#57
2,4-Dinitrotoluene
Concen: 46.806 ng
RT: 9.992 min Scan# 11471
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

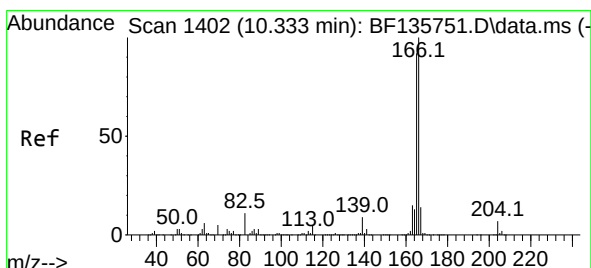
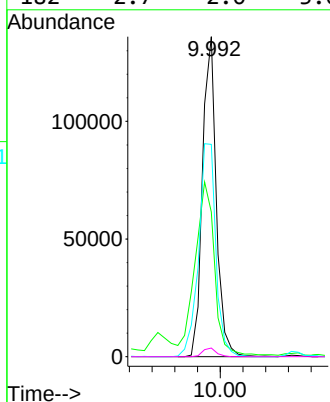
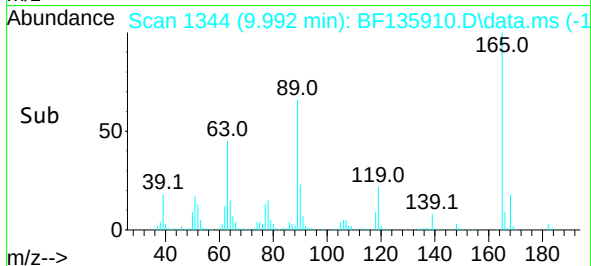


Tgt Ion:165 Resp: 11471
Ion Ratio Lower Upper
165 100
63 45.2 39.0 58.4
89 66.3 55.9 83.9
182 2.7 2.0 3.0

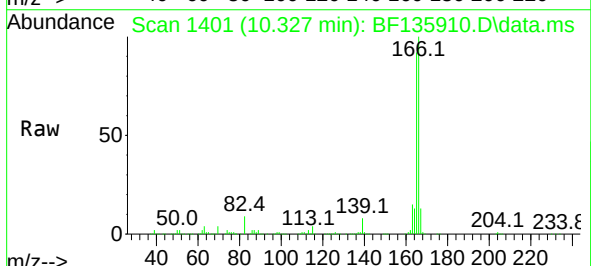
Manual Integrations

APPROVED

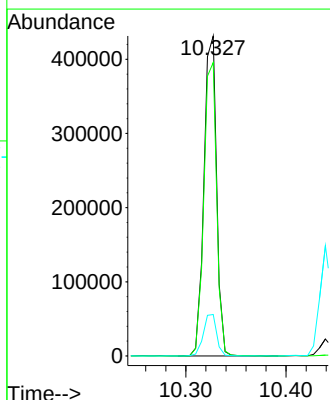
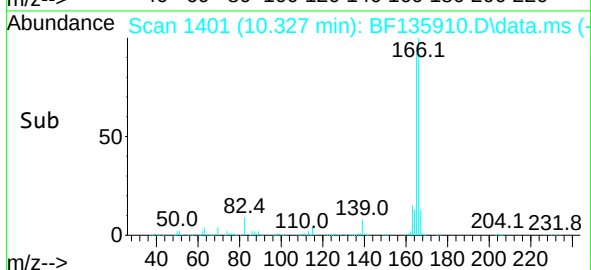
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

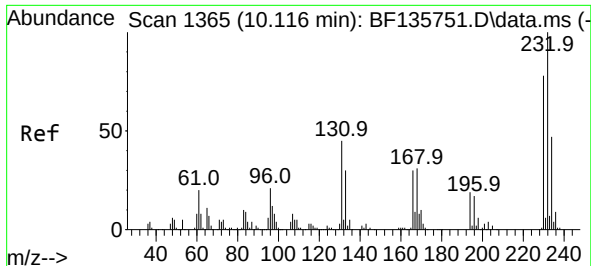


#58
Fluorene
Concen: 44.324 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



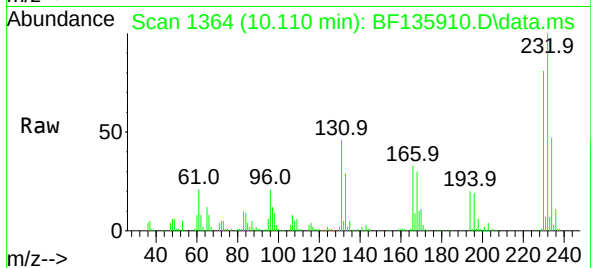
Tgt Ion:166 Resp: 380480
Ion Ratio Lower Upper
166 100
165 91.7 73.4 110.0
167 13.0 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.789 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

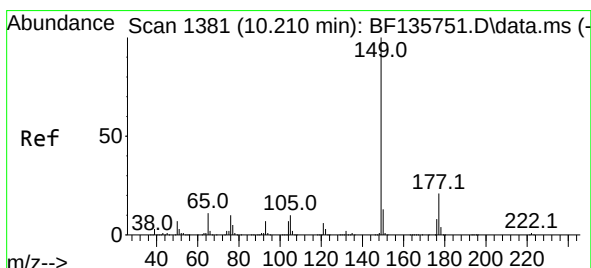
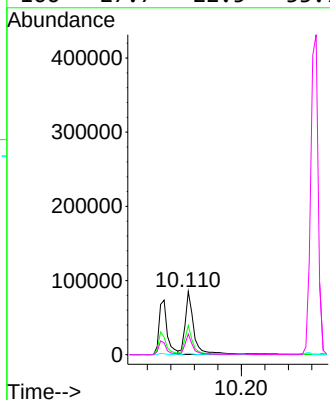
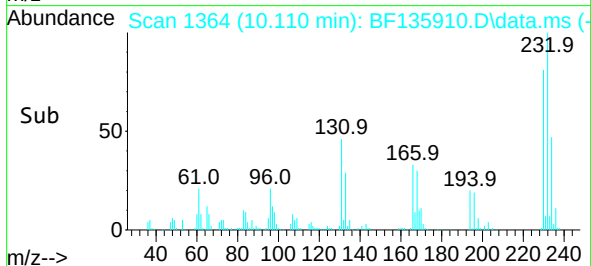
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 88194
Ion Ratio Lower Upper
232 100
131 40.7 35.8 53.6
130 2.3 1.9 2.9
166 27.7 22.5 33.7

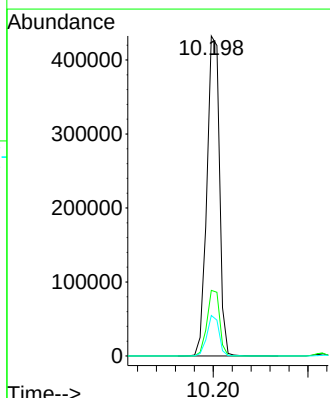
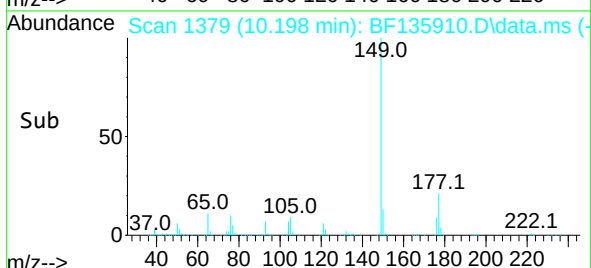
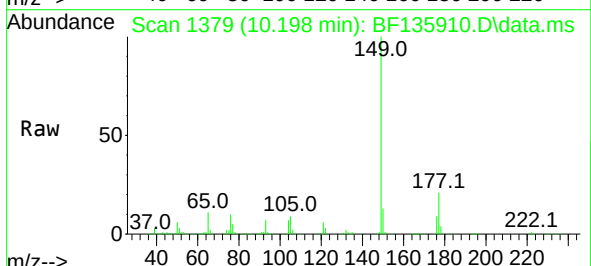
Manual Integrations
APPROVED

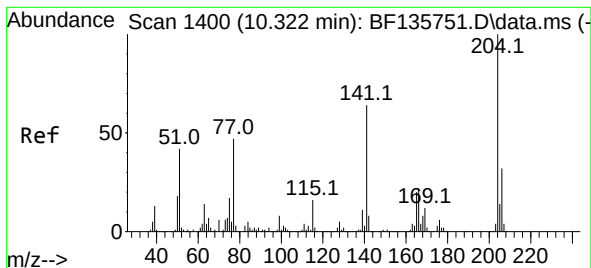
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#60
Diethylphthalate
Concen: 43.409 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.018 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

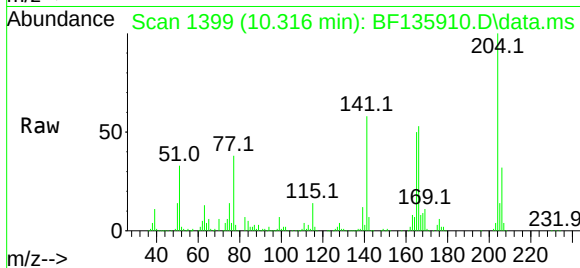
Tgt Ion:149 Resp: 397008
Ion Ratio Lower Upper
149 100
177 20.5 16.9 25.3
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.365 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

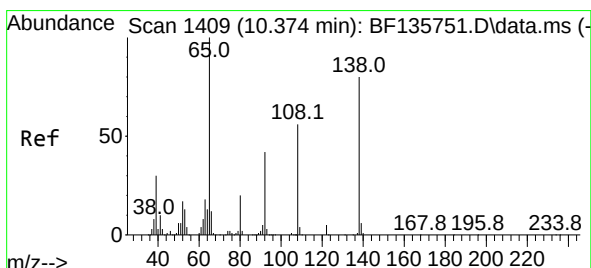
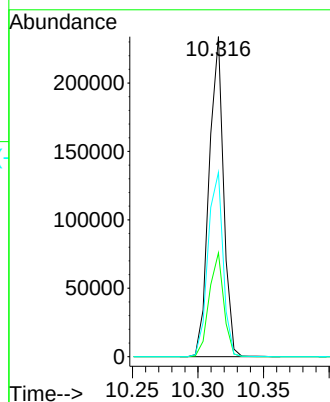
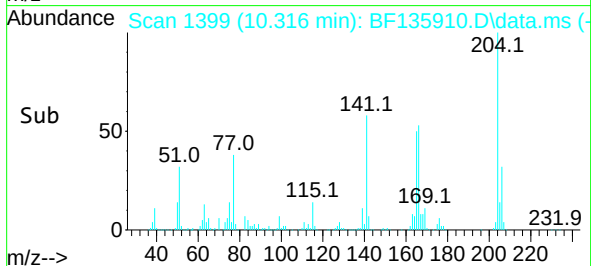
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:204 Resp: 17991
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 57.6 51.4 77.0

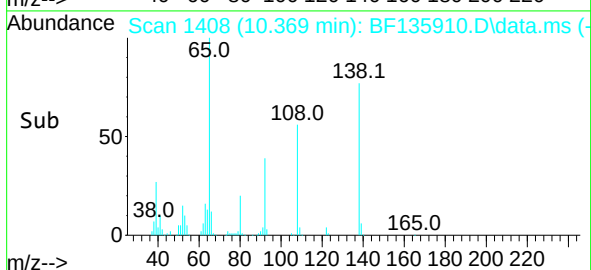
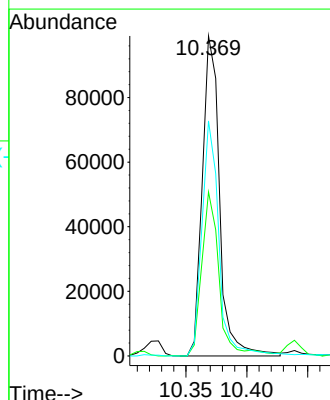
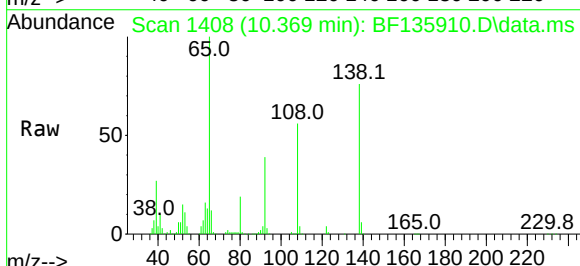
Manual Integrations
APPROVED

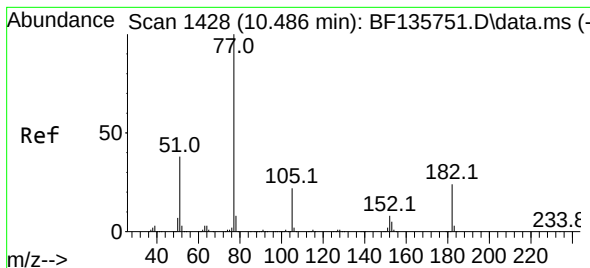
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#62
4-Nitroaniline
Concen: 44.972 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion:138 Resp: 97717
Ion Ratio Lower Upper
138 100
92 51.2 31.9 71.9
108 73.5 49.7 89.7





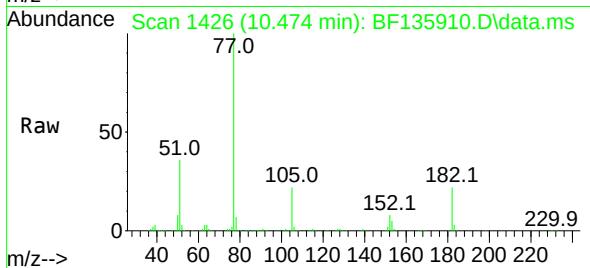
#63
Azobenzene
Concen: 42.779 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

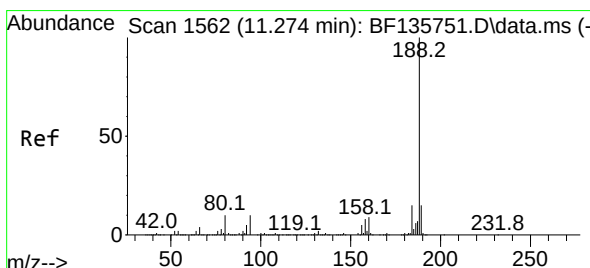
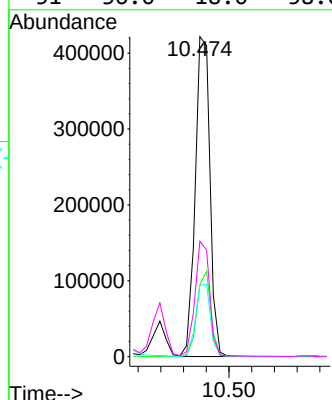
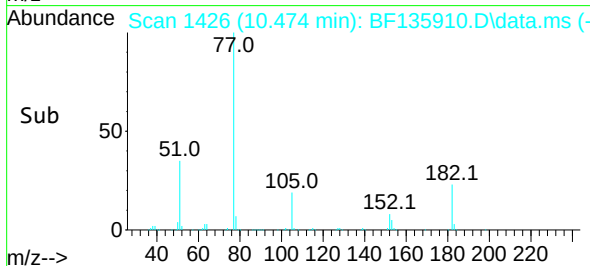


Tgt Ion: 77 Resp: 380118
Ion Ratio Lower Upper
77 100
182 22.4 3.5 43.5
105 22.3 2.2 42.2
51 36.0 18.0 58.0

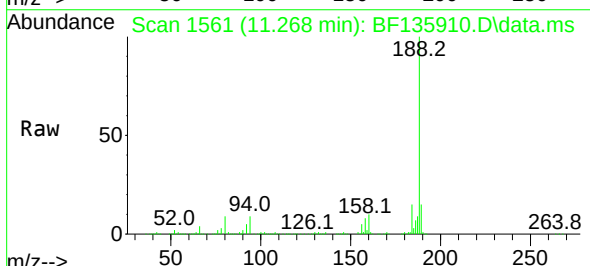
Manual Integrations

APPROVED

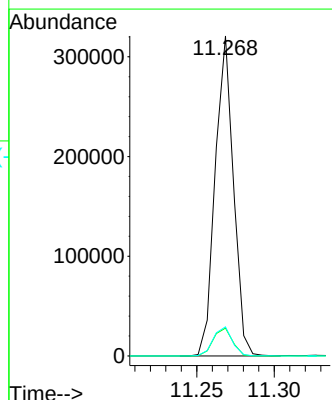
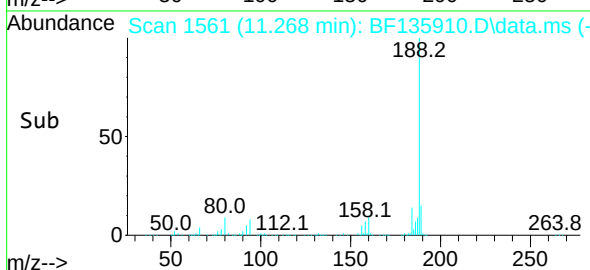
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

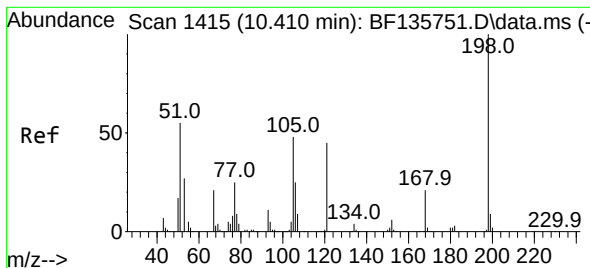


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



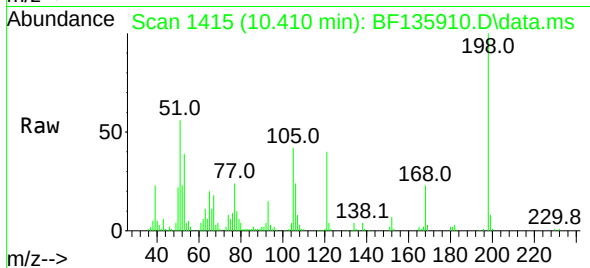
Tgt Ion:188 Resp: 263180
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.1 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 34.359 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

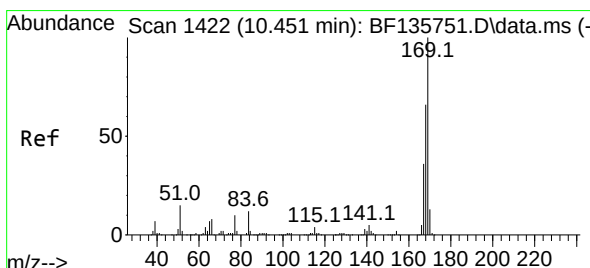
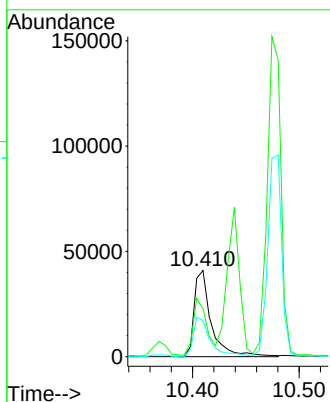
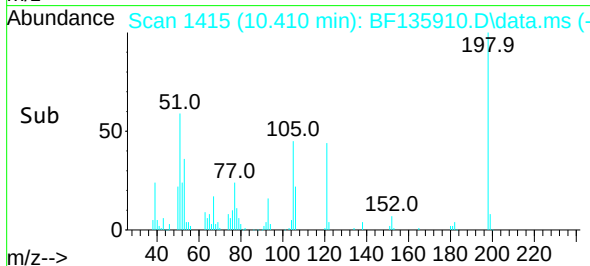
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



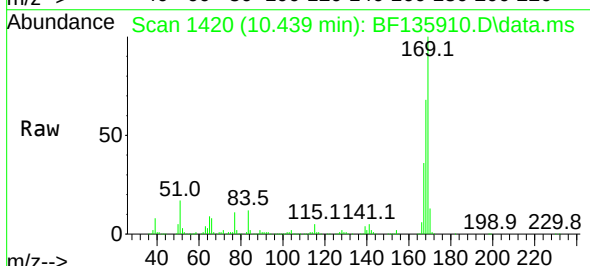
Tgt Ion:198 Resp: 45508
Ion Ratio Lower Upper
198 100
51 55.7 47.6 87.6
105 41.8 29.2 69.2

Manual Integrations
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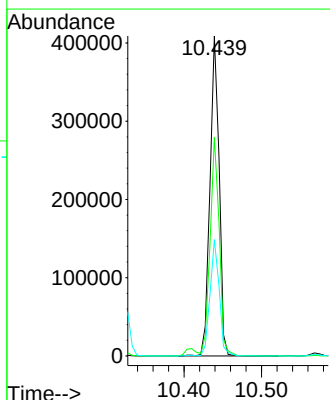
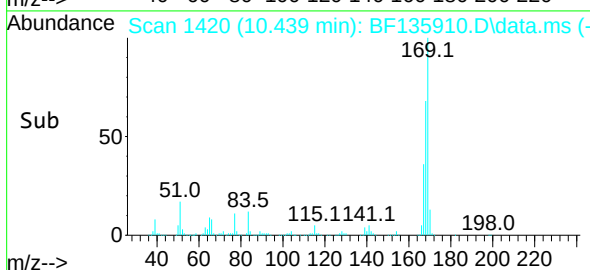
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

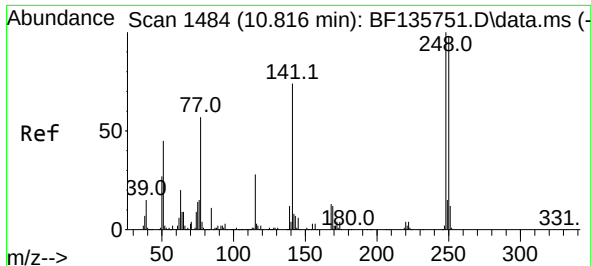


#66
n-Nitrosodiphenylamine
Concen: 41.809 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



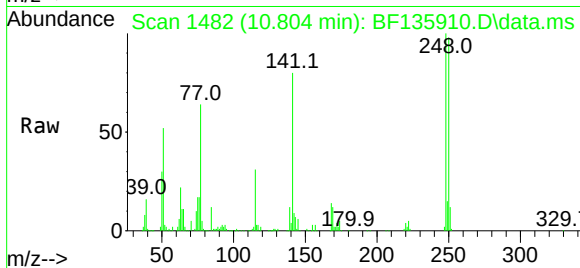
Tgt Ion:169 Resp: 335376
Ion Ratio Lower Upper
169 100
168 68.4 53.4 80.2
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.225 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.018 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

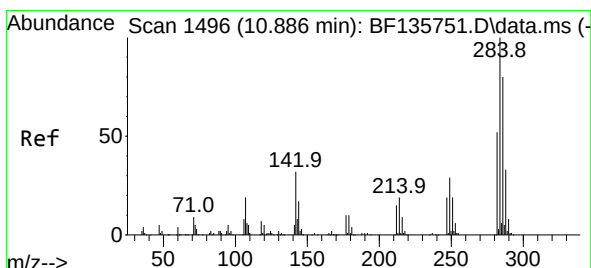
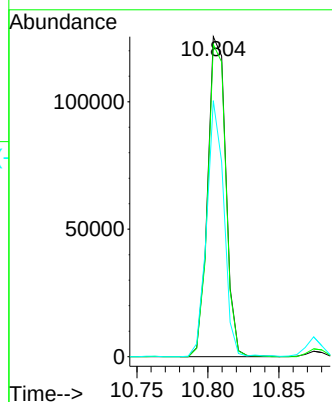
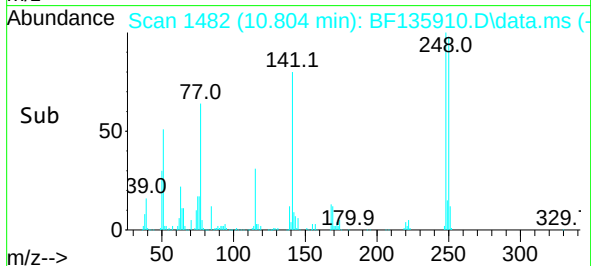
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



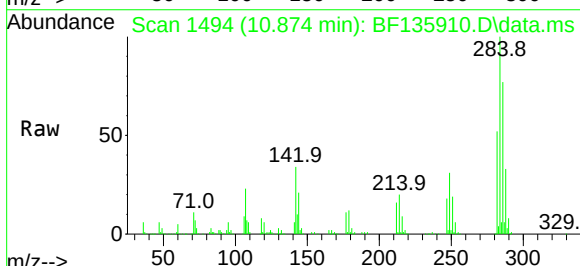
Tgt Ion:248 Resp: 111554
Ion Ratio Lower Upper
248 100
250 97.6 78.0 117.0
141 80.0 59.0 88.6

Manual Integrations
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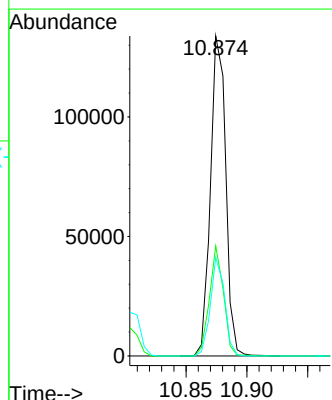
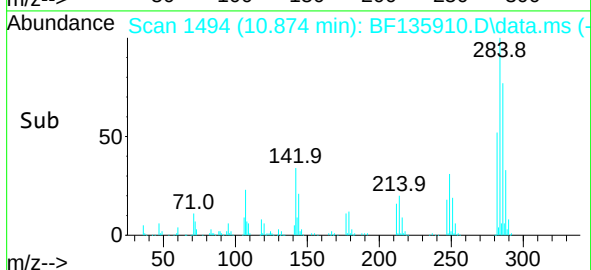
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

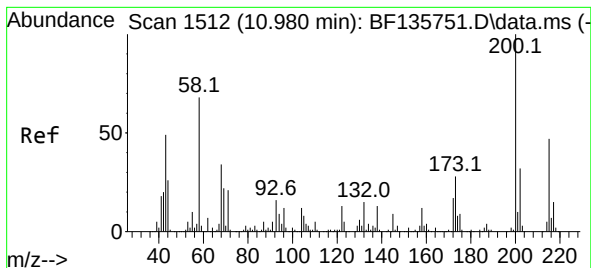


#68
Hexachlorobenzene
Concen: 43.370 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.018 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



Tgt Ion:284 Resp: 116653
Ion Ratio Lower Upper
284 100
142 34.3 25.3 37.9
249 30.7 23.5 35.3





#69

Atrazine

Concen: 40.803 ng

RT: 10.974 min Scan# 1511

Delta R.T. -0.012 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

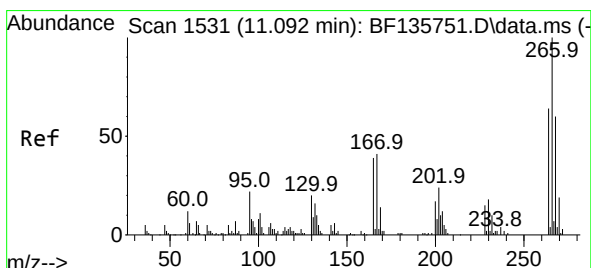
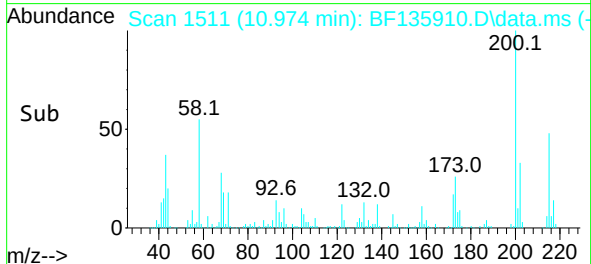
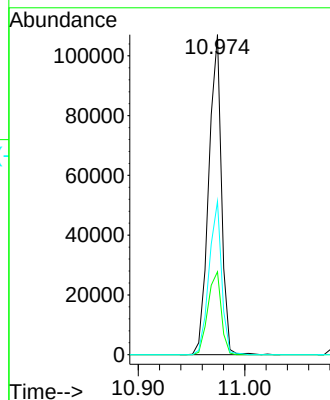
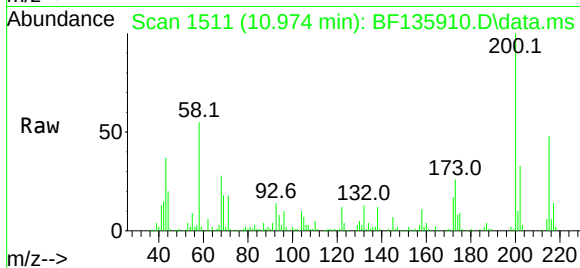
Tgt Ion:200 Resp: 8902
 Ion Ratio Lower Upper
 200 100
 173 25.9 7.6 47.6
 215 47.9 27.1 67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#70

Pentachlorophenol

Concen: 28.346 ng

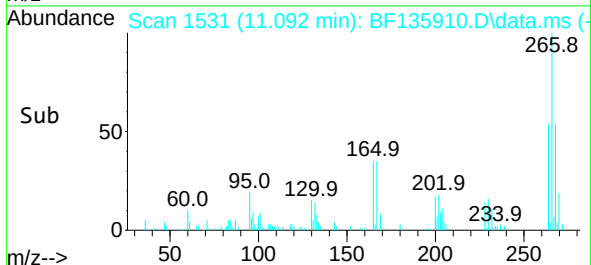
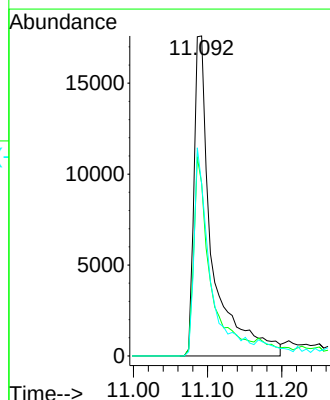
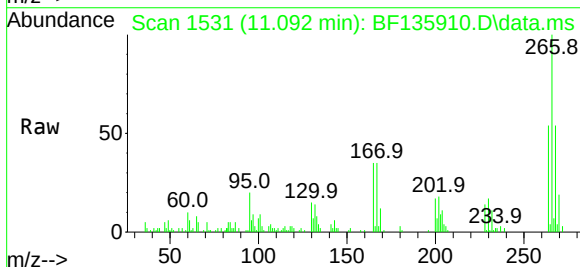
RT: 11.092 min Scan# 1531

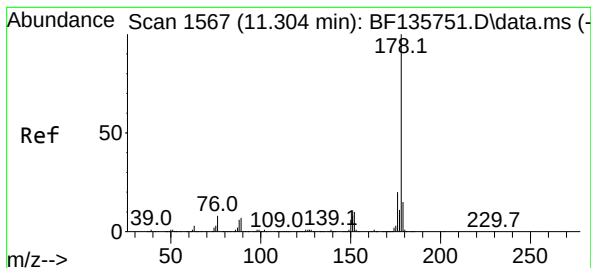
Delta R.T. -0.000 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

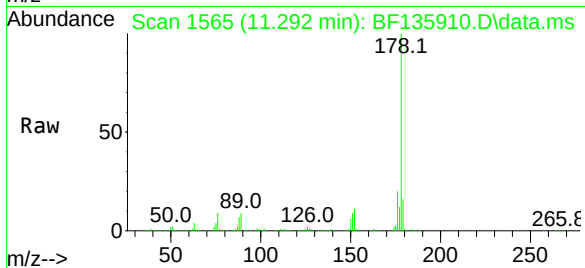
Tgt Ion:266 Resp: 30071
 Ion Ratio Lower Upper
 266 100
 268 54.0 47.7 71.5
 264 53.7 51.4 77.2





#71
Phenanthrene
Concen: 42.828 ng
RT: 11.292 min Scan# 11292
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

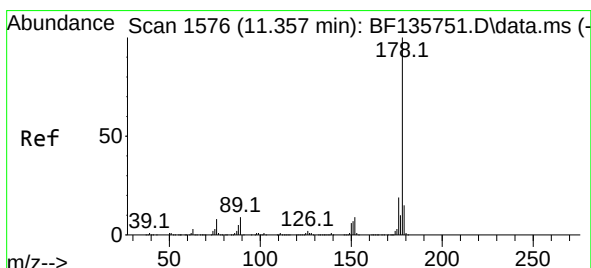
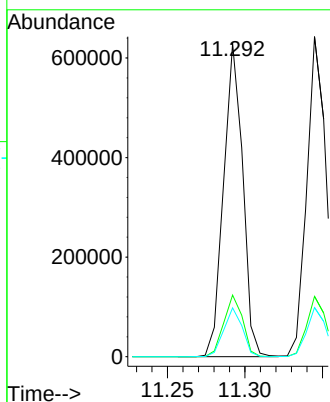
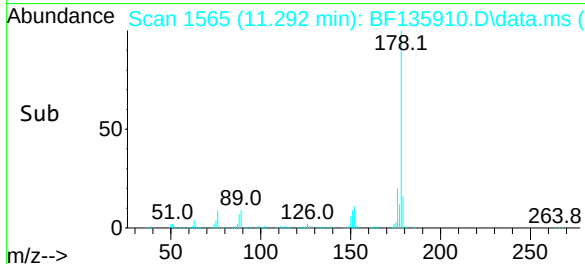
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:178 Resp: 539952
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.6 12.2 18.4

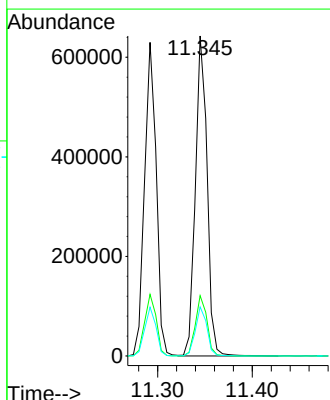
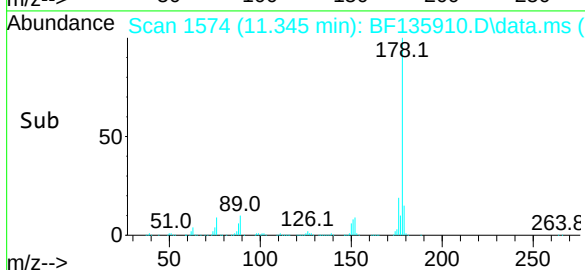
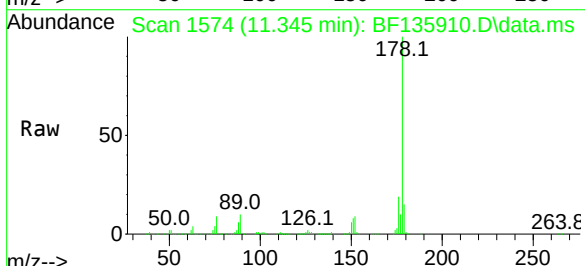
Manual Integrations
APPROVED

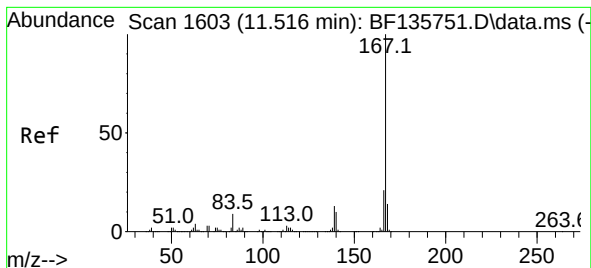
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#72
Anthracene
Concen: 42.341 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

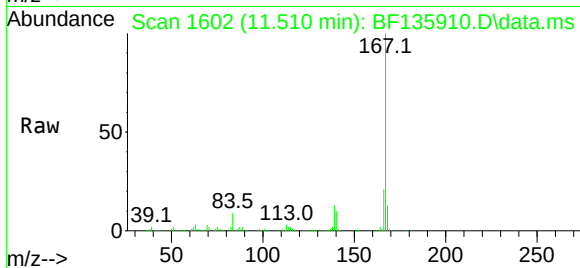
Tgt Ion:178 Resp: 553165
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 42.624 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. -0.012 min
 Lab File: BF135910.D
 Acq: 20 Oct 2023 16:07

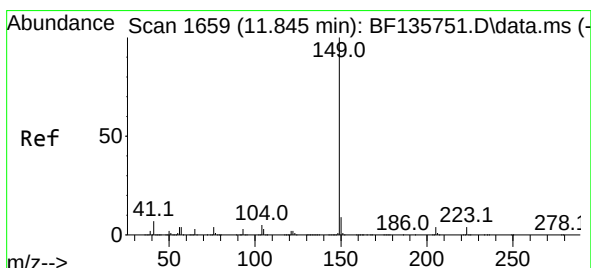
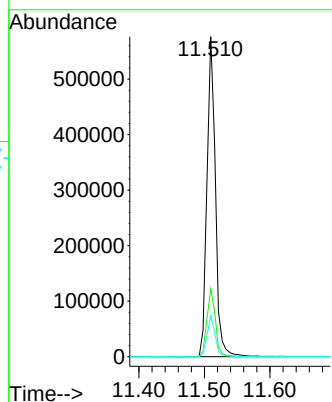
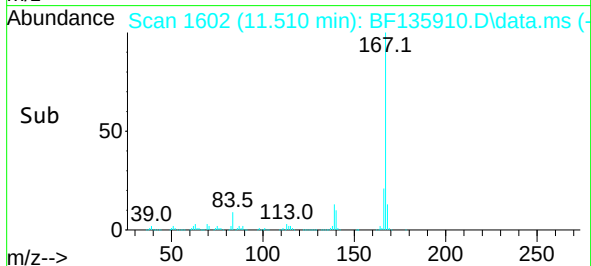
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



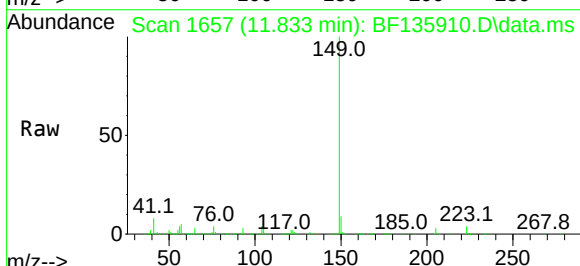
Tgt Ion:167 Resp: 519348
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 12.8 10.2 15.4

Manual Integrations
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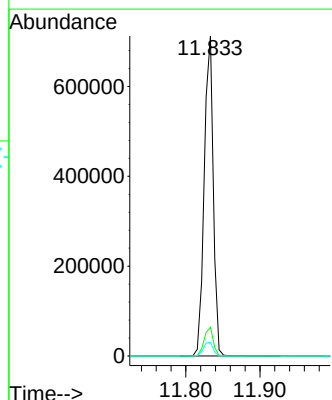
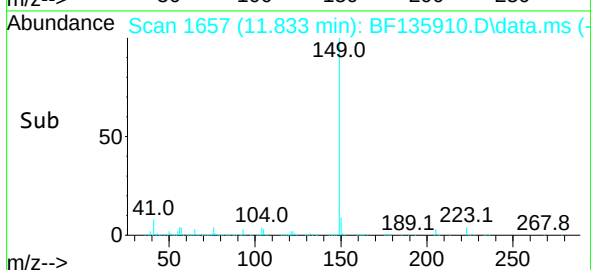
Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

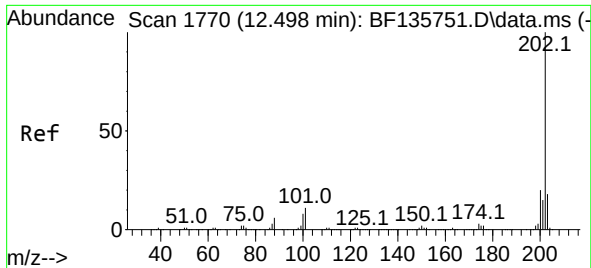


#74
 Di-n-butylphthalate
 Concen: 40.299 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. -0.012 min
 Lab File: BF135910.D
 Acq: 20 Oct 2023 16:07



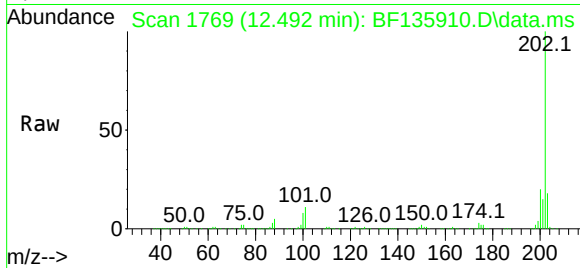
Tgt Ion:149 Resp: 602852
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.3 3.7 5.5





#75
Fluoranthene
Concen: 40.634 ng
RT: 12.492 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

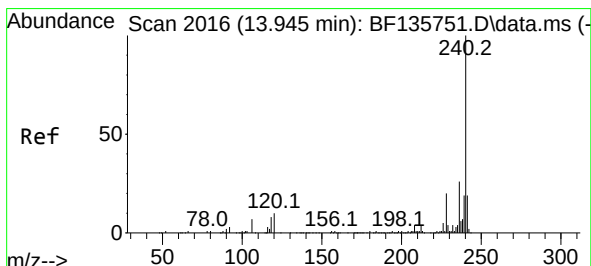
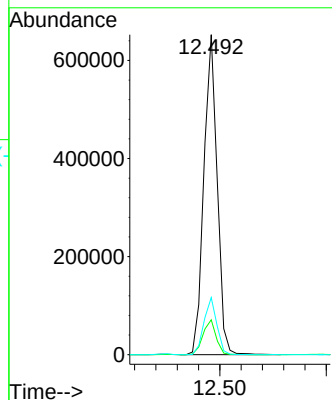
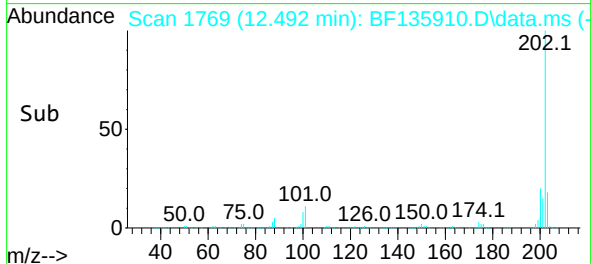
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 568589
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.5
203 17.8 0.0 38.3

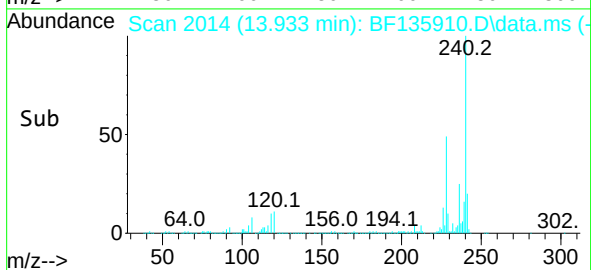
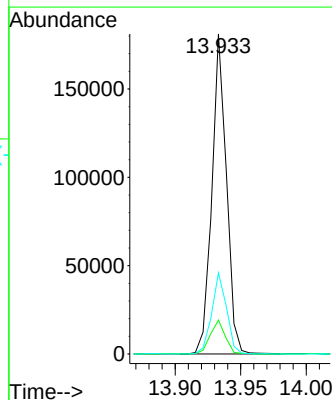
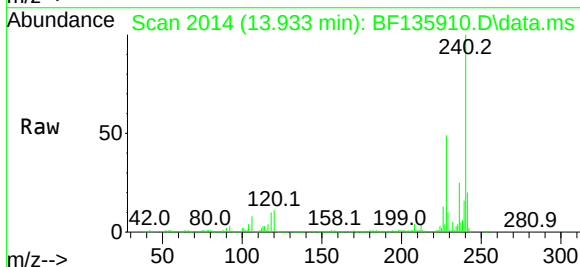
Manual Integrations
APPROVED

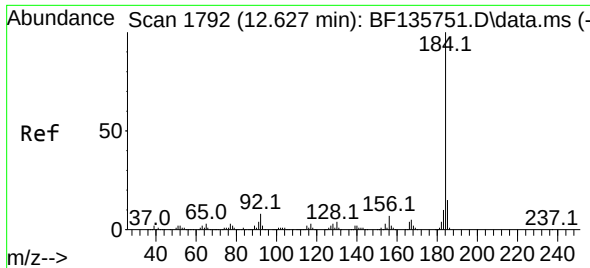
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

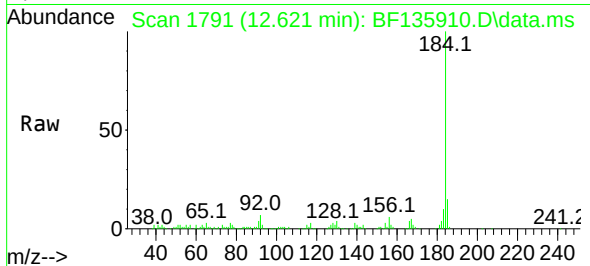
Tgt Ion:240 Resp: 140062
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.3 21.2 31.8





#77
Benzidine
Concen: 33.627 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

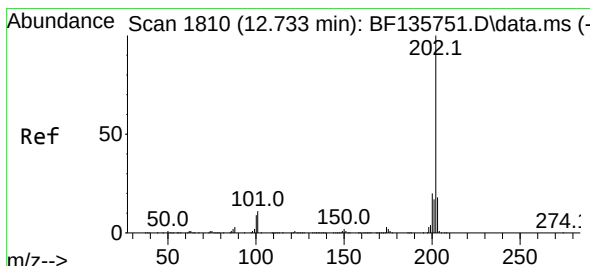
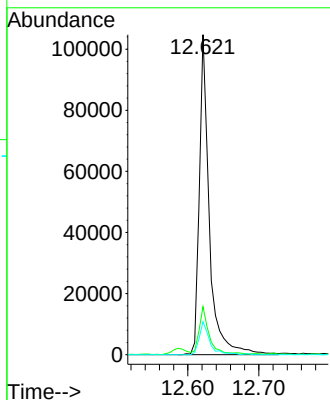
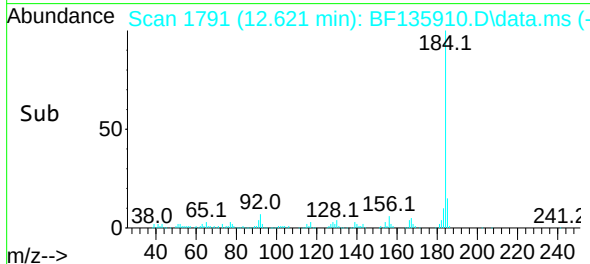
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



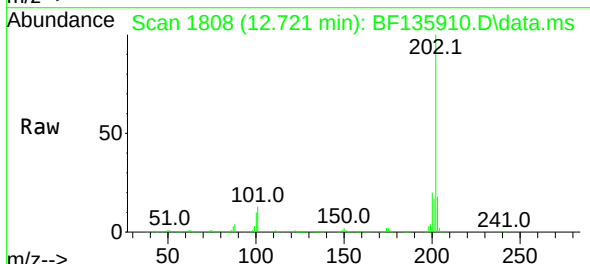
Tgt Ion:184 Resp: 10277
Ion Ratio Lower Upper
184 100
185 15.0 12.0 18.0
183 10.3 8.2 12.2

Manual Integrations
APPROVED

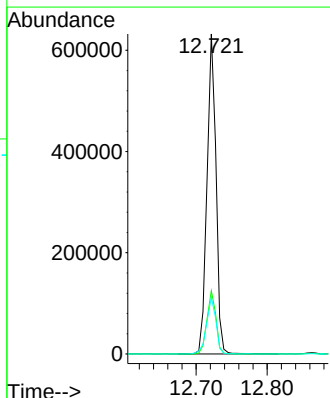
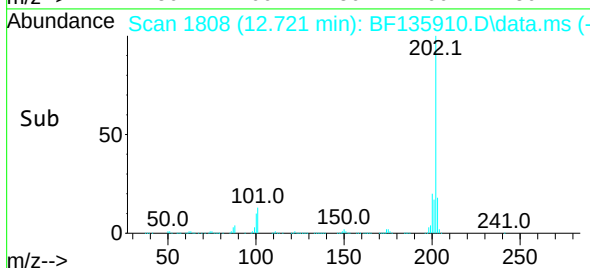
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

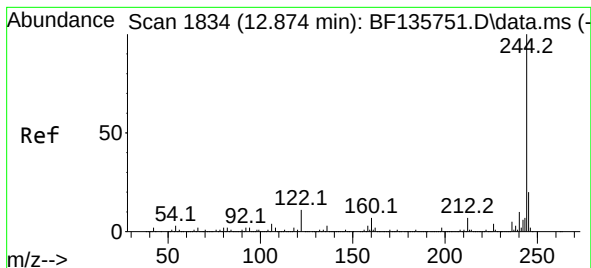


#78
Pyrene
Concen: 50.269 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



Tgt Ion:202 Resp: 559494
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 104.297 ng

RT: 12.862 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:244 Resp: 78881

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

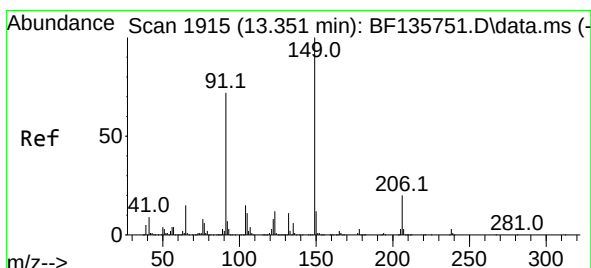
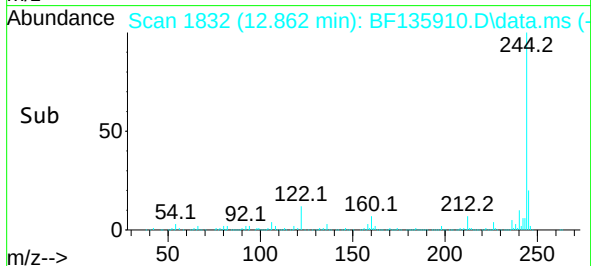
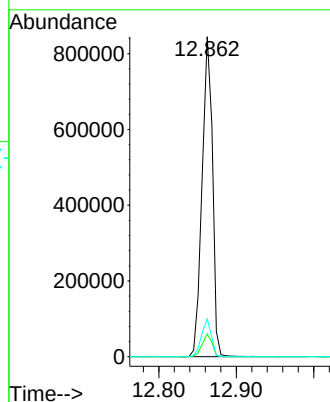
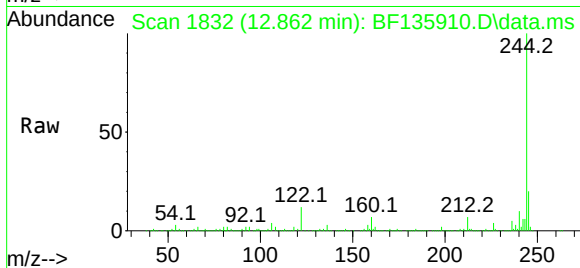
122 11.8 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#80

Butylbenzylphthalate

Concen: 45.460 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.018 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

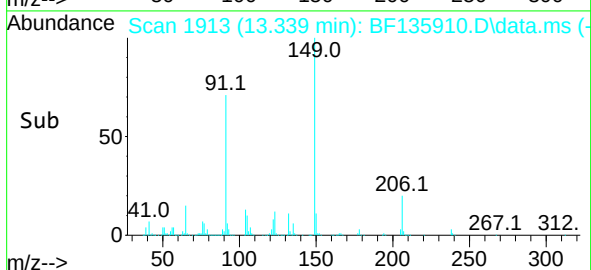
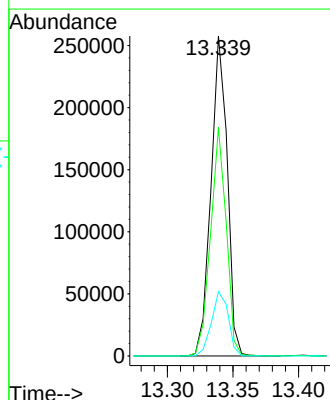
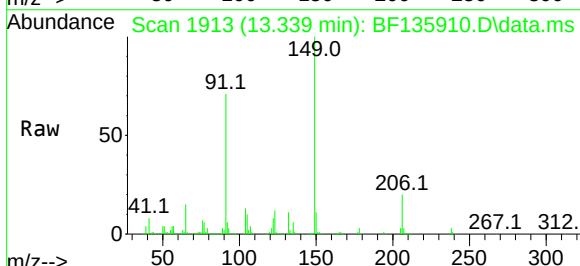
Tgt Ion:149 Resp: 222341

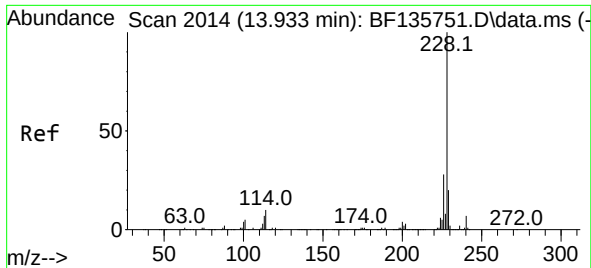
Ion Ratio Lower Upper

149 100

91 71.4 57.4 86.0

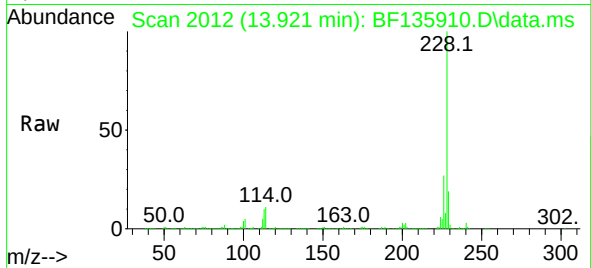
206 20.1 16.2 24.4





#81
Benzo(a)anthracene
Concen: 42.921 ng
RT: 13.921 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

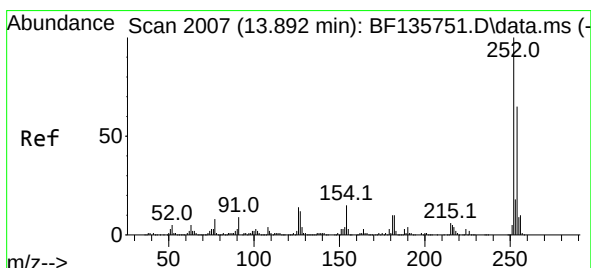
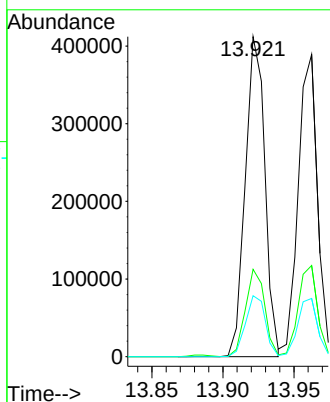
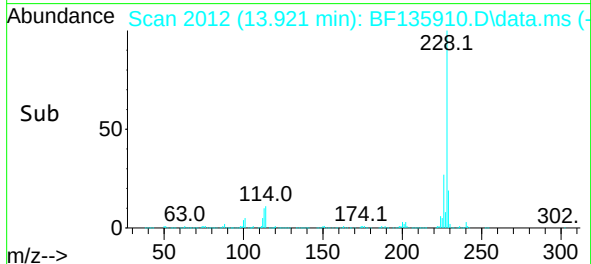
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



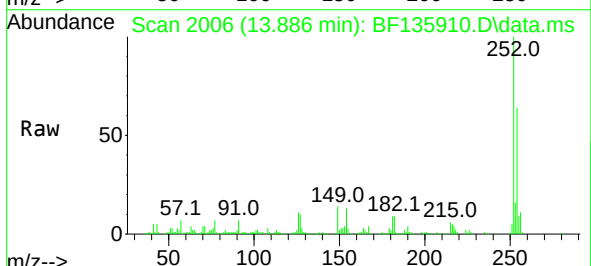
Tgt Ion:228 Resp: 394862
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 19.0 16.1 24.1

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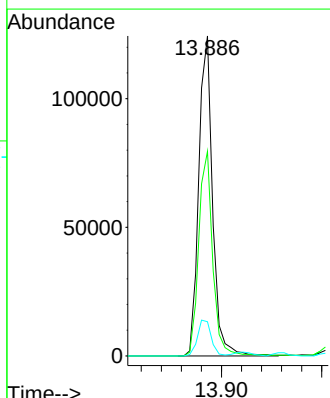
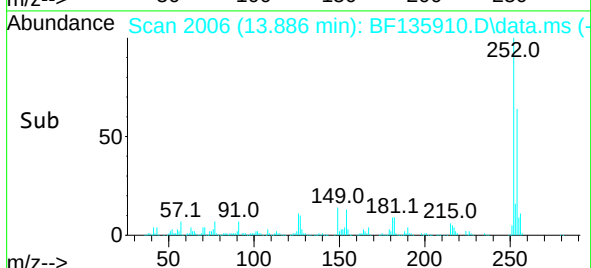
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

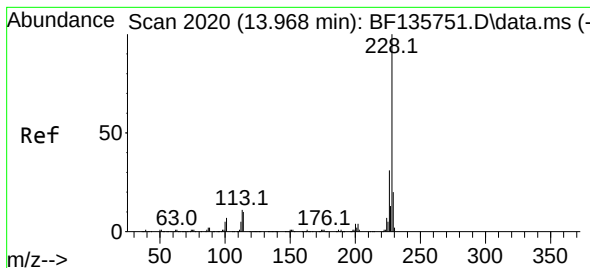


#82
3,3'-Dichlorobenzidine
Concen: 39.193 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



Tgt Ion:252 Resp: 119582
Ion Ratio Lower Upper
252 100
254 63.9 51.8 77.6
126 10.7 11.0 16.4#





#83

Chrysene

Concen: 41.265 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 36770

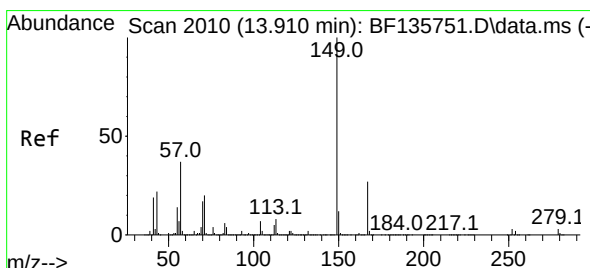
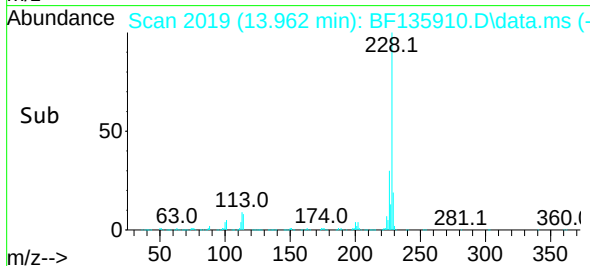
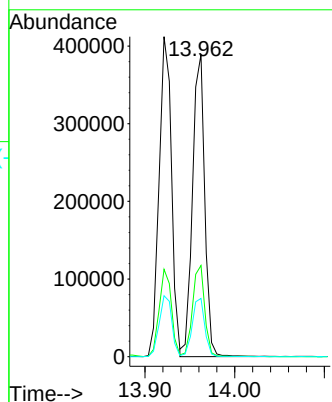
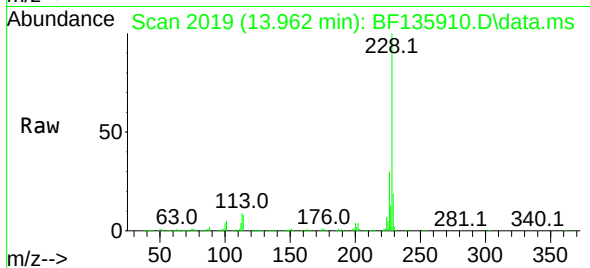
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.3	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.581 ng

RT: 13.898 min Scan# 2008

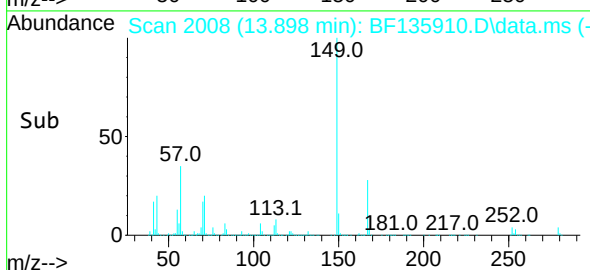
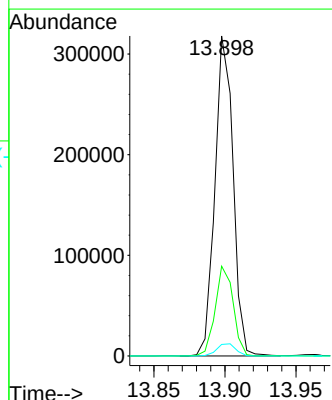
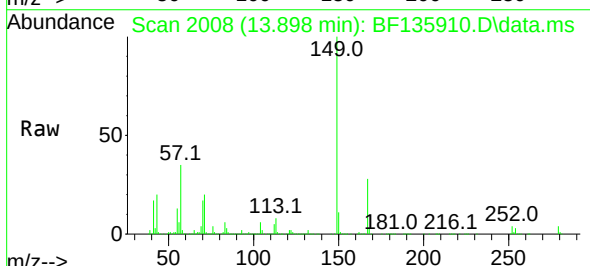
Delta R.T. -0.018 min

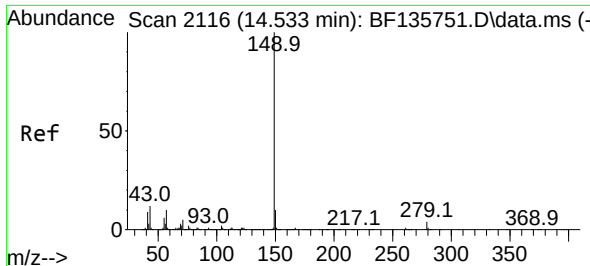
Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Tgt Ion:149 Resp: 282262

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.3	31.9
279	3.6	2.7	4.1





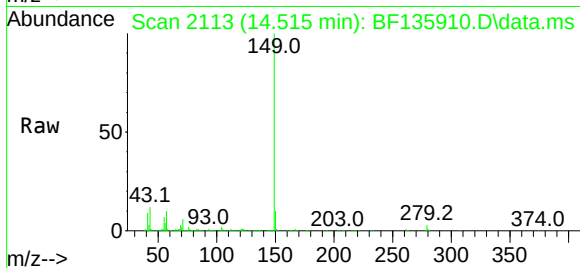
#85
Di-n-octyl phthalate
Concen: 36.876 ng
RT: 14.515 min Scan# 2113
Delta R.T. -0.018 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



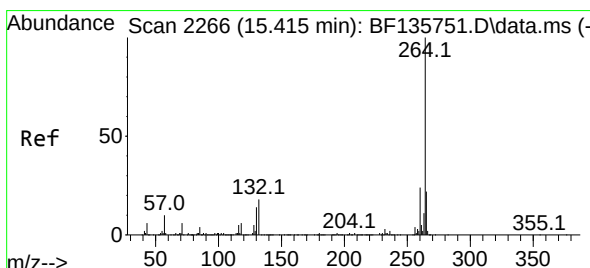
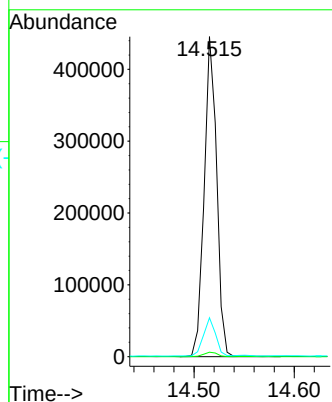
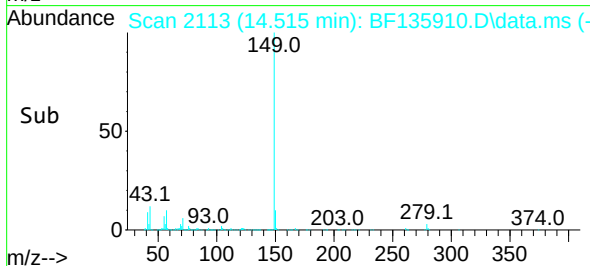
Tgt Ion:149 Resp: 38762
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.7 10.1 15.1

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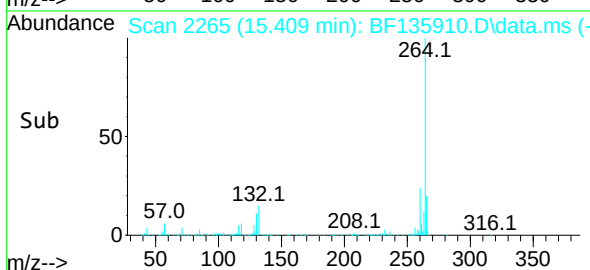
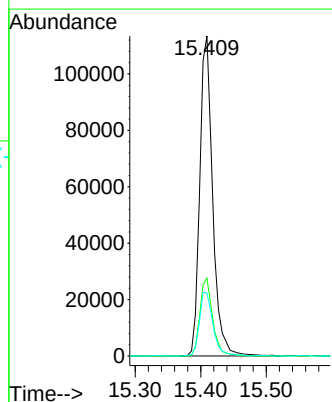
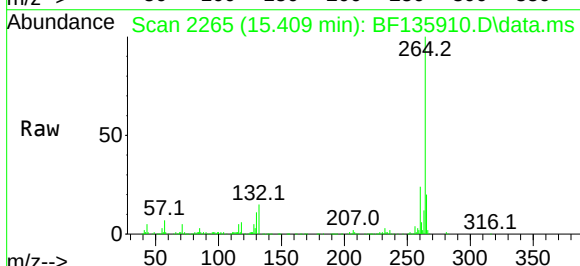
Reviewed By :Yogesh Patel 10/21/2023

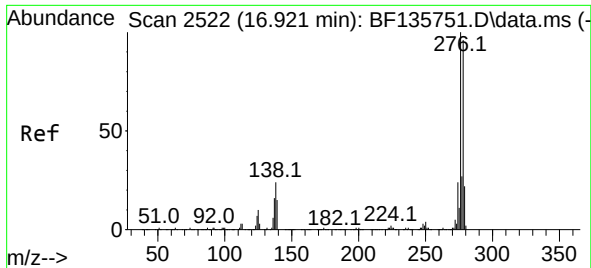
Supervised By :mohammad ahmed 10/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion:264 Resp: 155426
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 19.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.833 ng
RT: 16.909 min Scan# 2119
Delta R.T. -0.024 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

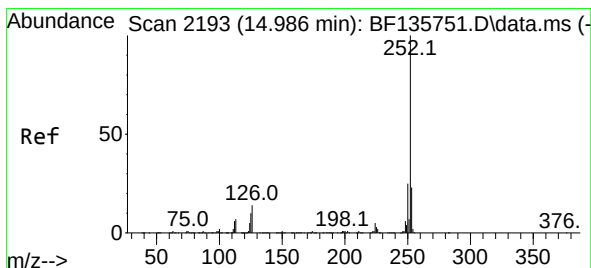
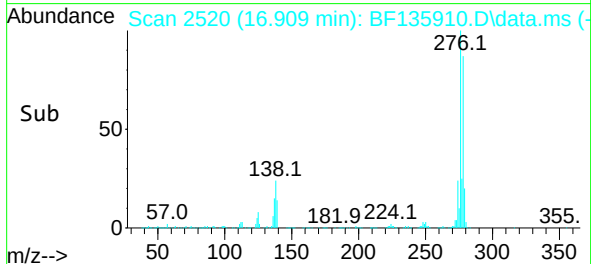
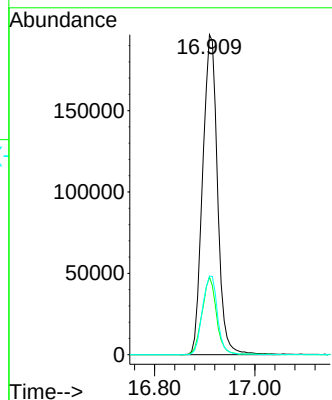
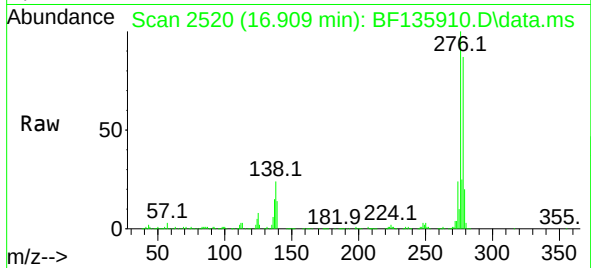
SSTDCCC040EC

Tgt Ion:276 Resp: 405089
Ion Ratio Lower Upper
276 100
138 23.5 19.8 29.6
277 24.8 20.2 30.4

Manual Integrations

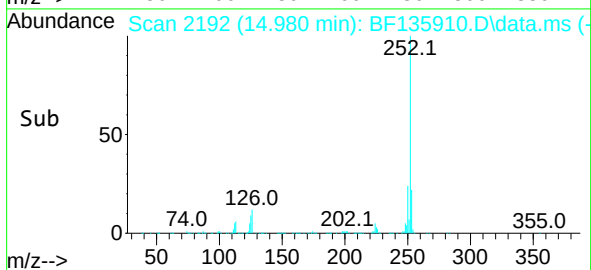
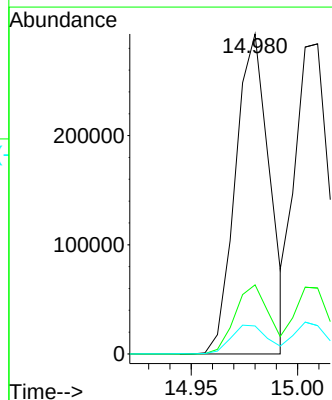
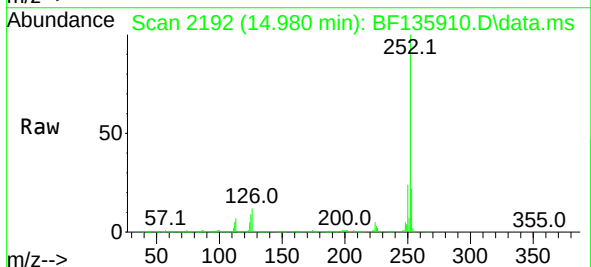
APPROVED

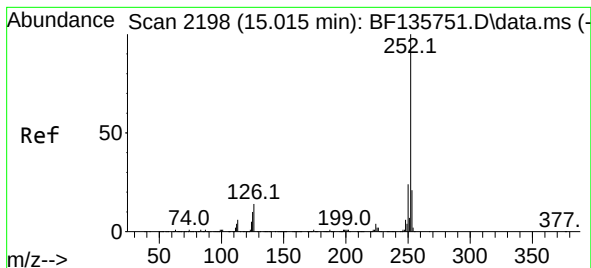
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#88
Benzo(b)fluoranthene
Concen: 37.550 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Tgt Ion:252 Resp: 326635
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 8.8 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 39.126 ng

RT: 15.009 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

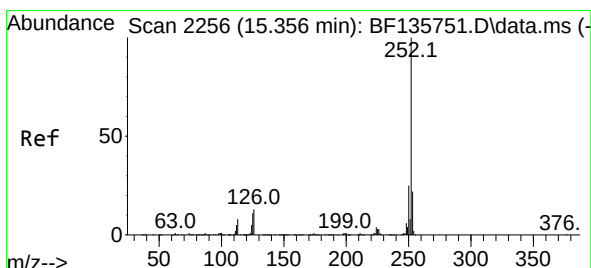
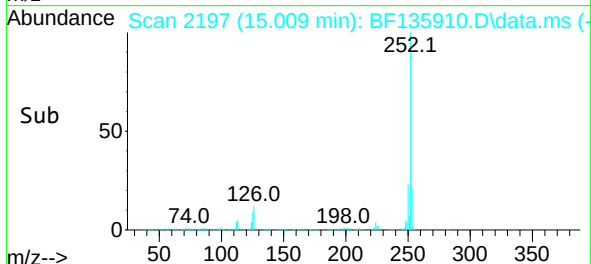
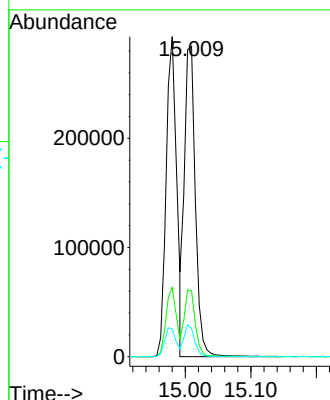
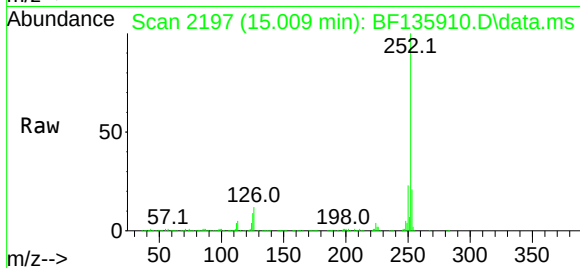
SSTDCCC040EC

Tgt Ion:252 Resp: 330424
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.4 26.0
 125 9.1 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023



#90

Benzo(a)pyrene

Concen: 39.848 ng

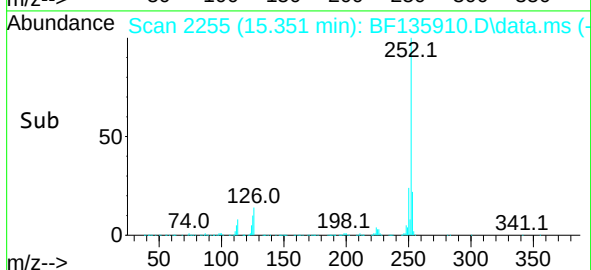
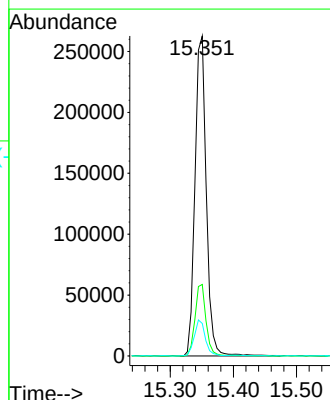
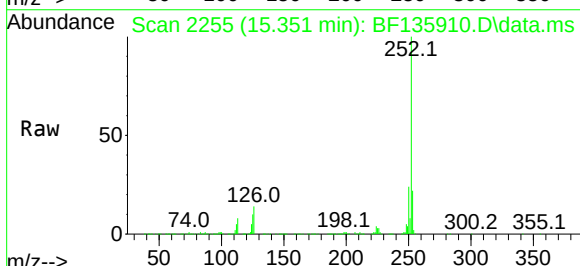
RT: 15.351 min Scan# 2255

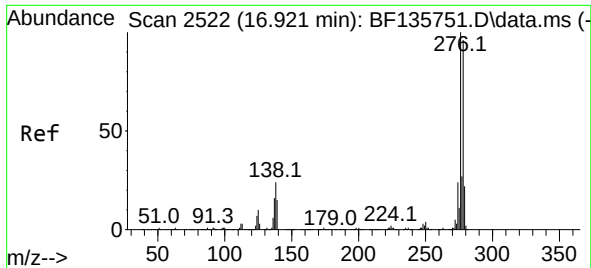
Delta R.T. -0.012 min

Lab File: BF135910.D

Acq: 20 Oct 2023 16:07

Tgt Ion:252 Resp: 325941
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 10.2 8.8 13.2





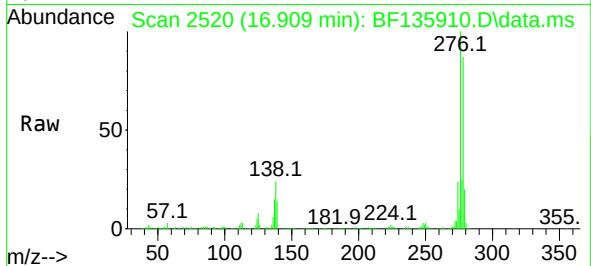
#91
Dibenzo(a,h)anthracene
Concen: 47.999 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.030 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

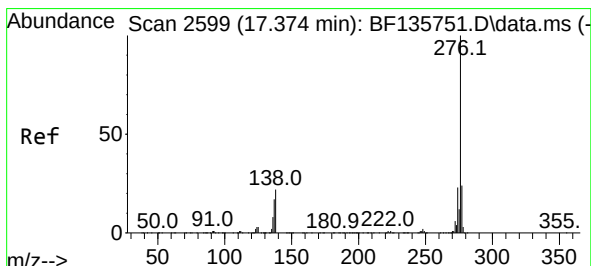
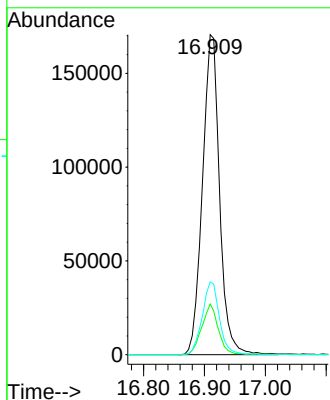
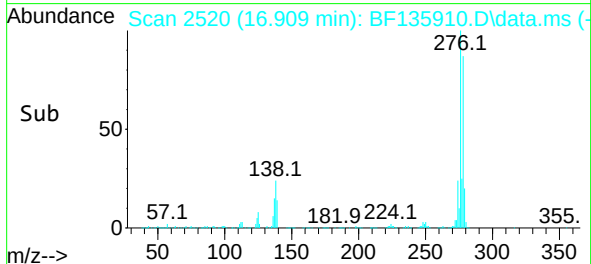


Tgt Ion:278 Resp: 333238
Ion Ratio Lower Upper
278 100
139 15.9 12.5 18.7
279 22.7 18.6 27.8

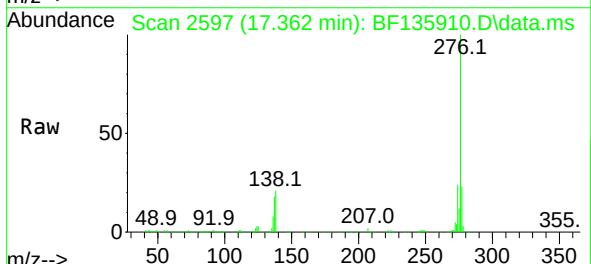
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#92
Benzo(g,h,i)perylene
Concen: 45.936 ng
RT: 17.362 min Scan# 2597
Delta R.T. -0.024 min
Lab File: BF135910.D
Acq: 20 Oct 2023 16:07



Tgt Ion:276 Resp: 327586
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 20.5 17.3 25.9

